

Barren River Area Occupational Outlook to 2014

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Education Cabinet
Department for Workforce Investment
Office of Employment and Training



**Barren River Area
Occupational Outlook to 2014**

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Kentucky Education Cabinet**

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PREFACE

The information and projections contained in this publication are based on a broad range of labor market information and statistics that are collected and analyzed by the staff of the Labor Market Information (LMI) section.

The Occupational Employment Statistics (OES) survey of approximately 20,000 Kentucky employers provided the occupational employment data used in the study. The data obtained from the Current Employment Statistics (CES) and the Quarterly Census of Employment and Wages (QCEW) programs were used to project industries to the year 2014. Staff utilized data from all programs to project the 2014 occupational outlook publications for each of the ADDs below:

ADD 1-Purchase Area	ADD 8&9-Buffalo Trace and Gateway Areas
ADD 2-Pennyrile Area	ADD 10-FIVCO Area
ADD 3-Green River Area	ADD 11-Big Sandy Area
ADD 4-Barren River Area	ADD 12-Kentucky River Area
ADD 5-Lincoln Trail Area	ADD 13-Cumberland Valley Area
ADD 6-Louisville (KIPDA) Area	ADD 14-Lake Cumberland Area
ADD 7-Northern Kentucky Area	ADD 15-Bluegrass Area

The U.S. Department of Labor (USDOL), Employment and Training Administration (ETA) provided funding for the publication and projections. The national industry and occupational projections developed by the U. S. Department of Labor, Bureau of Labor Statistics (BLS), were used in conjunction with state and regional trends to project Kentucky's industries and occupations. The Bureau of Labor Statistics and the U.S. Department of Commerce, Bureau of Economic Analysis, provided additional statistics necessary in the projection process. The Utah Department of Economic Security developed the personal computer-based model used for the projections. Special thanks to Kentucky employers who completed the questionnaires that provide the employment information necessary to complete this project.

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INTRODUCTION

Barren River Area

Which jobs will be in demand? Which occupations will provide the largest number of job openings? Which are likely to grow or decline? The *Barren River Area Occupational Outlook to 2014* offers answers and insight regarding these often-asked questions. Students, job seekers, counselors, and others will find this information beneficial.

Tables listing the 45 occupations with the largest number of annual job openings and the fastest-growing occupations are included. They also provide occupational employment projections, the number and percentage of expected change, and the average number of annual job openings for the period 2004 to 2014.

Please note that the estimates and projections are subject to limitations that are a part of any effort to determine future conditions. Long-term job trends offer insight into the occupational growth or decline in the area. The projections are carefully prepared using accepted methods within a framework of national, state and area assumptions. However, they will be modified in future publications if long-term changes occur in the area's economic outlook or as more current information becomes available.

The estimates in this report reflect only the demand for labor from 2004 through 2014. The supply, or the number of educated or trained workers available to fill future job openings, is beyond the scope of this report.

The development and utilization of our human resources is always a priority for those concerned with employment training. It is crucial that education and training planners, business, labor, government, and job seekers have the necessary occupational information to aid them in the development of education and training programs. This publication was intended to assist in these efforts.

NOTE: Prior to 2000, the Occupational Employment Statistics (OES) codes were used to classify occupations. The 2004-2014 projections use the Standard Occupational Classification (SOC) system. Because of this change, the titles and content of major occupational groups and many detailed occupations are substantially different from those used before 2000. Several major groups have been renamed, combined, or reorganized. Some individual occupations have been renamed, reclassified, or are no longer listed. Many newer occupations may be listed for the first time. Because of these changes, the 2004-2014 projections are not comparable to those completed before 2000. Information on the SOC system is available on the U.S. Bureau of Labor Statistics SOC Home Page <http://www.bls.gov/soc/home.htm>.

BARREN RIVER HIGHLIGHTS 2004-2014

- ✓ Employment is projected to grow from 122,847 to 138,725, a gain of 12.9 percent.
- ✓ Total annual job openings are expected to be about 4,748.
- ✓ Growth in employment will create about 1,759 job openings annually.
- ✓ Approximately 2,989 job openings will result from separations from the labor force due to retirement or those who transfer to other jobs.
- ✓ Thirty-seven percent of job openings will result from growth; the remaining 63 percent will result from separations from the labor force.
- ✓ The greatest number of annual job openings will be in Production Occupations (713), followed by Sales and Related Occupations (613), and Food Preparation and Serving Related Occupations (520).
- ✓ Occupations with the largest percentage change are Network Systems and Data Communications Analysts (56.7%), Computer Software Engineers (45.5%), Network and Computer Systems Administrators (44.1%) and Home Health Aides (41.1%).
- ✓ The largest growth rates are likely to be in Postsecondary Teacher Occupations (33.5%), Fire Fighting and Prevention Occupations (32.3%), and Other Healthcare Support Occupations (29.4%).
- ✓ The two occupations with the largest number of annual job openings are Retail Salespersons (220) and Cashiers (190).

USER'S GUIDE TO OCCUPATIONAL OUTLOOK STATISTICS

When looking at an occupation, what key outlook data should you review?	1) Total average annual job openings and 2) employment change expressed as a percentage. The total number of job openings estimates the likely annual demand for workers in each occupation. The percentage of employment change shows how much each occupation is likely to grow or decline.
What creates job openings?	1) Employment growth (new jobs), 2) employment separations (job vacancies created by persons separating from an occupation).
What causes employment change?	<i>Industrial growth or decline</i> has the greatest influence. This occurs when the demand for goods and services rises, thus the demand for workers increases. <i>Technological change</i> may raise the demand for some skills while eliminating the demand for others. <i>Self-service, out-sourcing, or 24 hour operations</i> can also affect employment change.
What about employment separations?	Employment separations are still important when evaluating the potential outlook for an occupation. Job openings are created when employees separate from occupations because of retirements, promotions, career changes, death, etc. The number of separations can exceed new jobs.
Do workers tend to leave one occupation more than other occupations?	Every occupation has a different rate of employment separations. Occupations requiring more education and training and/or having a high percentage of full time workers tend to have low separation rates. Those requiring little education and/or training tend to have higher separation rates.
What factors affect the number of job openings for an occupation?	1) The number of workers who are currently employed, 2) the number of job vacancies created by worker separation, and 3) the rate of change, i.e., how fast the occupation is growing or declining.
Which factor is more important?	The size of employment and separation rate is more important than rate of change.
What is the best way to compare one occupation with another?	Look at the total average annual job openings, not just openings resulting from growth. A large number of openings indicates it should be relatively easy to find a job in that occupation. Also, consider the rate of employment change. A high percentage increase denotes there may be excellent chances for advancement and for earnings increases because demand is likely to remain strong for some time.

**Top 45
Barren River Area Occupations With The Most Annual Job Openings**

Occupation Code	Occupational Title	Job Openings Average Annual 2004-2014		
		Growth	Separations	Total
<u>Management Occupations</u>				
11-1021	General & Operations Mgrs.	22	24	46
<u>Education, Training and Library Occupations</u>				
25-9041	Teacher Assistants	24	23	47
25-2021	Elem. School Teachers, Ex. Special Education	20	26	46
25-3099	Teachers & Instructors, All Other	25	11	36
<u>Healthcare Practitioners and Technical Occupations</u>				
29-1111	Registered Nurses	51	39	90
29-2061	Licensed Practical & Licensed Voc. Nurses	9	17	26
<u>Healthcare Support Occupations</u>				
31-1012	Nursing Aides, Orderlies & Attendants	38	24	62
<u>Food Preparation and Serving Related Occupations</u>				
35-3021	Combined Food Prep. & Serving Workers	56	115	171
35-3031	Waiters & Waitresses	34	90	124
35-2011	Cooks, Fast Food	20	30	50
35-1012	Mgrs. of Food Preparation & Serving Workers	18	21	39
35-2012	Cooks, Institution & Cafeteria	5	25	30
35-2014	Cooks, Restaurant	10	16	26
<u>Building and Grounds Cleaning and Maintenance Occupations</u>				
37-2011	Janitors & Cleaners, Ex. Maids & Housekeep.	32	33	65
37-2012	Maids & Housekeeping Cleaners	8	20	28
<u>Personal Care and Service Occupations</u>				
39-9011	Child Care Workers	20	29	49
<u>Sales and Related Occupations</u>				
41-2031	Retail Salespersons	74	146	220
41-2011	Cashiers	10	180	190
41-1011	Mgrs. of Retail Sales Workers	24	42	66
41-4012	Sales Reps., Whole. & Manuf., Ex. Tech., Sci.	15	20	35

Top 45
Barren River Area Occupations With The Most Annual Job Openings

Occupation Code	Occupational Title	Job Openings		
		Average Annual		
		2004-2014		
		Growth	Separations	Total
<u>Office and Administrative Support Occupations</u>				
43-9061	Office Clerks, General	14	38	52
43-4051	Customer Service Representatives	26	19	45
43-5081	Stock Clerks & Order Fillers	0	45	45
43-3031	Bookkeeping, Accounting & Auditing Clerks	7	28	35
43-4171	Receptionists & Information Clerks	14	21	35
43-1011	Mgrs. of Office & Admin. Support Workers	6	22	28
43-3071	Tellers	5	23	28
43-6011	Executive Secretaries & Admin. Assistants	8	20	28
43-5071	Shipping, Receiving & Traffic Clerks	10	16	26
<u>Farming, Fishing, and Forestry Occupations</u>				
45-2092	Farmworkers & Laborers, Crop, Nursery	0	47	47
<u>Constructing and Extraction Occupations</u>				
47-2031	Carpenters	17	14	31
47-2073	Operating Engrs. & Other Constr. Equip. Ops.	9	19	28
<u>Installation, Maintenance and Repair Occupations</u>				
49-9042	Maintenance & Repair Workers, General	19	30	49
49-3023	Automotive Service Technicians & Mechanics	11	16	27
<u>Production Occupations</u>				
51-2092	Team Assemblers	62	100	162
51-4072	Molding, Coremaking & Casting Machine SOT	13	34	47
51-1011	Mgrs. of Production & Operating	15	26	41
51-4081	Multiple Machine Tool SOT, Metal & Plastic	12	26	38
51-9198	Helpers--Production Workers	9	25	34
51-9061	Inspector, Tester, Sorter, Sampler & Weigher	5	24	29
<u>Transportation and Material Moving Occupations</u>				
53-7062	Laborer, Freight, Stock & Material Mover, Hand	28	76	104
53-3032	Truck Drivers, Heavy & Tractor-Trailer	48	33	81
53-7051	Industrial Truck & Tractor Operators	35	30	65
53-7064	Packers & Packagers, Hand	23	25	48
53-3033	Truck Drivers, Light or Delivery Services	29	10	39

**Top 45
Fastest Growing Barren River Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2004	Projected 2014	2004-2014 Number	Percent	Average Annual 2004-2014
<u>Management Occupations</u>						
11-9031	Education Admin., Pre., Child Care Center	51	66	15	29.4	3
<u>Business and Financial Operations Occupations</u>						
13-1079	HR, Training & Labor Relations Spec.	106	139	33	31.1	5
<u>Computer and Mathematical Occupations</u>						
15-1081	Network Systems & Data Comm. Analysts	90	141	51	56.7	6
15-1031	Computer Software Engineers, Applications	88	128	40	45.5	5
15-1071	Network & Computer Systems Admin.	102	147	45	44.1	6
15-1032	Computer Software Engineers, Systems Soft.	50	66	16	32.0	3
15-1051	Computer Systems Analysts	145	185	40	27.6	6
<u>Life, Physical, and Social Science Occupations</u>						
19-3031	Clinical, Counseling & School Psychologists	90	115	25	27.8	5
<u>Community and Social Service Occupations</u>						
21-1093	Social & Human Service Assistants	222	285	63	28.4	10
21-1022	Medical & Public Health Social Workers	73	93	20	27.4	3
<u>Legal Occupations</u>						
23-2011	Paralegals & Legal Assistants	280	361	81	28.9	10
<u>Education, Training and Library Occupations</u>						
25-1011	Business Teachers, Post.	53	72	19	35.8	3
25-1061	Anthropology & Archeology Teachers, Post.	113	152	39	34.5	4
25-9031	Instructional Coordinators	70	94	24	34.3	3
25-1121	Art, Drama & Music Teachers, Post.	222	298	76	34.2	13
25-1041	Agricultural Sciences Teachers, Post.	38	51	13	34.2	2
25-2011	Preschool Teachers, Ex. Special Education	299	401	102	34.1	14
25-1051	Atmosphere, Earth, Marine & Space Sci., Post.	47	63	16	34.0	3
25-1071	Health Specialties Teachers, Post.	91	121	30	33.0	5
25-1021	Computer Science Teachers, Post.	82	109	27	32.9	5
25-1081	Education Teachers, Post.	74	98	24	32.4	4
25-1191	Graduate Teaching Assistants	316	418	102	32.3	17
25-3099	Teachers & Instructors, All Other	864	1,112	248	28.7	36
25-2041	Special Ed. Teachers, Pre., Kinder. & Elem.	187	240	53	28.3	10
25-3011	Adult Literacy, Remedial Ed. & GED Teachers	80	101	21	26.3	3

**Top 45
Fastest Growing Barren River Occupations**

Occupation Code	Occupational Title	Fast Growing Occupations				Total
		Employment		Change		Job Openings
		Actual 2004	Projected 2014	2004-2014 Number	Percent	Average Annual 2004-2014
<u>Healthcare Practitioners and Technical Occupations</u>						
29-1122	Occupational Therapists	50	66	16	32.0	3
29-2021	Dental Hygienists	113	148	35	31.0	5
29-1123	Physical Therapists	56	72	16	28.6	3
29-1111	Registered Nurses	1,851	2,363	512	27.7	90
29-2041	EMTs & Paramedics	214	272	58	27.1	9
29-2071	Medical Records & Health Info. Technicians	161	203	42	26.1	6
<u>Healthcare Support Occupations</u>						
31-1011	Home Health Aides	219	309	90	41.1	12
31-9092	Medical Assistants	396	557	161	40.7	23
31-2021	Physical Therapist Assistants	49	65	16	32.7	3
31-9091	Dental Assistants	292	382	90	30.8	17
<u>Protective Service Occupations</u>						
33-2011	Fire Fighters	153	204	51	33.3	9
33-1021	Mgrs. of Fire Fighting & Prevent	33	43	10	30.3	2
<u>Building and Grounds Cleaning and Maintenance Occupations</u>						
37-1012	Mgrs. of Landscaping, Lawn Service	109	140	31	28.4	4
<u>Personal Care and Service Occupations</u>						
39-9021	Personal & Home Care Aides	231	301	70	30.3	11
<u>Sales and Related Occupations</u>						
41-4011	Sales Reps., Wholesale & Manuf., Tech., Sci.	146	187	41	28.1	8
<u>Constructing and Extraction Occupations</u>						
47-4051	Highway Maintenance Workers	219	277	58	26.5	9
<u>Transportation and Material Moving Occupations</u>						
53-3021	Bus Drivers, Transit & Intercity	52	71	19	36.5	3
53-3041	Taxi Drivers & Chauffeurs	100	136	36	36.0	5
53-3033	Truck Drivers, Light or Delivery Services	1,048	1,336	288	27.5	39
53-7021	Crane & Tower Operators	30	38	8	26.7	2

Explanation of Data Elements in the Occupational Outlook Table

Occupational Employment Outlook

Occupational		Employment 2004 2014		Job Growth 2004 2014		Average Annual Job Openings			Average Wage	Education/ Training Required	
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005		
Occupational Codes & Titles used in this report are based on the Standard Occupational Coding (SOC) structure. NOTE: Alphabetical listing beginning on page 64 will help locate a specific occupation within the tables.		Estimated 2004 employment is based on the Occupational Employment Statistics (OES) Survey of employers. Projected 2014 levels of occupational employment are based on projections of industry employment and projections of occupational change factors between 2004 and 2014. NOTE: The occupational employment estimates for 2004 to 2014 include all classes of workers such as public and private, wage and salaried workers; agricultural workers; private household workers; and self-employed.		Number The total number of jobs in an occupation gained or lost over the 2004 to 2014 period. Percent Percent change in employment in an occupation over the 10 year period. NOTE: In Kentucky, the average growth for all occupations is projected to be 12.2 percent between 2004-2014. The growth of an occupation is classified as one of the following based on its percent change: 1) Declining (< 0%) 2) Stable (0% - 6.99%) 3) Growing (7% - 16.99%) 4) Fast Growing (17% - 23.99%) 5) Very Fast Growing (> 24%)		Growth Provides estimates of the average number of job openings expected to occur each year between 2004 and 2014. Separations Provides estimates of the average number of job openings expected to occur each year in an occupation from workers separating or leaving for reasons such as retirement, promotion, or simply transferring among occupations. These separations would require replacement workers. Total The sum of openings due to growth and openings due to separations for an occupation. NOTE: If employment growth is negative, the total number of job openings will equal the number of separations.			Average Wage in this report always refers to the 2005 mean hourly wage.		Education and/or Training Levels Required are developed by the Bureau of Labor Statistics and group occupations into eleven categories (1-11). NOTE: The various categories are described in detail on page 76 of this report.

Barren River Area

Occupational Employment Outlook

Management Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
00-0000 Total, All Occupations		122,847	138,725	15,878	12.9	1,759	2,989	4,748	14.16	n/a
11-0000 Management Occupations		6,154	7,114	960	15.6	97	115	212	34.34	n/a
11-1000	Top Executives	1,871	2,197	326	17.4	33	35	68	n/a	n/a
11-1011	Chief Executives	611	722	111	18.2	11	12	23	57.43	4
11-1021	General & Operations Mgrs.	1,260	1,475	215	17.1	22	24	46	33.44	4
11-1031	Legislators	*	*	*	*	*	*	*	n/a	4
11-2000	Advertising, Market, Promotions, P.R. & Sales	479	565	86	18.0	9	9	18	n/a	n/a
11-2011	Advertising & Promotions Mgrs.	32	38	6	18.8	1	1	2	24.27	4
11-2021	Marketing Mgrs.	92	108	16	17.4	2	2	4	37.19	4
11-2022	Sales Mgrs.	319	377	58	18.2	6	6	12	31.93	4
11-2031	Public Relations Mgrs.	36	42	6	16.7	1	1	2	28.35	4
11-3000	Operations Specialties Mgrs.	1,146	1,321	175	15.3	18	20	38	n/a	n/a
11-3011	Administrative Services Mgrs.	97	115	18	18.6	2	2	4	26.11	4
11-3021	Computer & Information Systems Mgrs.	137	165	28	20.4	3	3	6	33.25	4
11-3031	Financial Mgrs.	370	425	55	14.9	6	5	11	33.06	4
11-3041	Compensation & Benefits Mgrs.	46	51	5	10.9	1	1	2	27.88	4
11-3042	Training & Development Mgrs.	39	49	10	25.6	1	1	2	n/a	4
11-3049	Human Resources Mgrs., All Other	64	70	6	9.4	1	1	2	28.82	4
11-3051	Industrial Production Mgrs.	209	232	23	11.0	2	4	6	33.41	8
11-3061	Purchasing Mgrs.	92	103	11	12.0	1	2	3	31.11	4
11-3071	Transportation, Storage & Distribution Mgrs.	92	111	19	20.7	2	2	4	27.82	8

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Management Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
11-9000	Other Management Occupations	2,658	3,031	373	14.0	38	51	89	n/a	n/a
11-9011	Farm, Ranch & Other Agricultural Mgrs.	639	647	8	1.3	1	11	12	n/a	4
11-9012	Farmers & Ranchers	*	*	*	*	*	*	*	n/a	9
11-9021	Construction Mgrs.	202	243	41	20.3	4	4	8	27.98	5
11-9031	Education Admin., Preschool, Child Care Center	51	66	15	29.4	2	1	3	17.71	4
11-9032	Education Admin., Elem. & Secondary School	197	226	29	14.7	3	5	8	n/a	4
11-9033	Education Admin., Post.	45	55	10	22.2	1	1	2	n/a	4
11-9039	Education Admin., All Other	*	*	*	*	*	*	*	n/a	4
11-9041	Engineering Mgrs.	137	159	22	16.1	2	3	5	37.75	4
11-9051	Food Service Mgrs.	408	503	95	23.3	10	7	17	18.04	8
11-9061	Funeral Directors	*	*	*	*	*	*	*	n/a	6
11-9081	Lodging Mgrs.	30	33	3	10.0	0	1	1	n/a	8
11-9111	Medical & Health Services Mgrs.	213	258	45	21.1	5	4	9	30.64	4
11-9121	Natural Sciences Mgrs.	*	*	*	*	*	*	*	n/a	4
11-9131	Postmasters & Mail Superintendents	58	55	-3	-5.2	0	1	1	21.81	8
11-9141	Property, Real Estate, Community Assn. Mgrs.	184	216	32	17.4	3	3	6	18.07	5
11-9151	Social & Community Service Mgrs.	115	137	22	19.1	2	2	4	19.89	5
11-9199	Mgrs., All Other	320	372	52	16.3	5	6	11	34.09	8

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Business & Financial Operations Occs.

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
13-0000 Business & Financial Operations Occupations		2,336	2,777	441	18.9	44	44	88	21.77	n/a
13-1000	Business Operations Spec.	1,372	1,635	263	19.2	26	26	52	n/a	n/a
13-1011	Agents & Business Mgrs. of Artists, Perf. & Ath.	*	*	*	*	*	*	*	n/a	4
13-1021	Purchasing Agents & Buyers, Farm Products	*	*	*	*	*	*	*	n/a	8
13-1022	Whole. & Retail Buyers, Ex. Farm Products	76	86	10	13.2	1	2	3	20.48	8
13-1023	Purchasing Agents, Ex. Wholesale & Retail	197	229	32	16.2	3	5	8	21.86	8
13-1031	Claims Adjusters, Examiners & Investigators	60	68	8	13.3	1	1	2	33.31	9
13-1032	Insurance Appraisers, Auto Damage	*	*	*	*	*	*	*	21.68	9
13-1041	Compliance Officers, Ex. Agr., Constr., Health	88	95	7	8.0	1	2	3	22.51	9
13-1051	Cost Estimators	96	115	19	19.8	2	2	4	20.12	8
13-1061	Emergency Management Spec.	*	*	*	*	*	*	*	13.71	8
13-1071	Employment, Recruitment & Placement Spec.	131	156	25	19.1	3	2	5	13.62	5
13-1072	Compensation, Benefits & Job Analysis Spec.	36	43	7	19.4	1	1	2	15.45	5
13-1073	Training & Development Spec.	125	146	21	16.8	2	2	4	20.75	5
13-1079	HR, Training & Labor Relations Spec.	106	139	33	31.1	3	2	5	16.27	5
13-1081	Logisticians	*	*	*	*	*	*	*	n/a	5
13-1111	Management Analysts	115	141	26	22.6	3	2	5	36.13	4
13-1121	Meeting & Convention Planners	*	*	*	*	*	*	*	n/a	5
13-1199	Business Operations Spec., All Other	260	322	62	23.8	6	4	10	24.51	5
13-2000	Financial Specialists	964	1,142	178	18.5	18	17	35	n/a	n/a
13-2011	Accountants & Auditors	537	643	106	19.7	11	10	21	19.47	5
13-2021	Appraisers & Assessors of Real Estate	*	*	*	*	*	*	*	30.48	7
13-2031	Budget Analysts	*	*	*	*	*	*	*	n/a	5
13-2041	Credit Analysts	*	*	*	*	*	*	*	n/a	5
13-2051	Financial Analysts	43	50	7	16.3	1	1	2	29.48	5
13-2052	Personal Financial Advisors	*	*	*	*	*	*	*	n/a	5
13-2053	Insurance Underwriters	*	*	*	*	*	*	*	n/a	5
13-2061	Financial Examiners	*	*	*	*	*	*	*	n/a	5
13-2071	Loan Counselors	*	*	*	*	*	*	*	n/a	5
13-2072	Loan Officers	163	179	16	9.8	2	3	5	20.89	5
13-2081	Tax Examiners, Collectors & Revenue Agents	*	*	*	*	*	*	*	n/a	5
13-2082	Tax Preparers	*	*	*	*	*	*	*	n/a	10
13-2099	Financial Spec., All Other	*	*	*	*	*	*	*	21.55	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Computer & Mathematical Occupations

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
15-0000 Computer & Mathematical Occupations		850	1,085	235	27.6	24	11	35	24.43	n/a
15-1000	Computer Specialists	844	1,079	235	27.8	24	11	35	n/a	n/a
15-1011	Computer & Information Scientists, Research	*	*	*	*	*	*	*	n/a	2
15-1021	Computer Programmers	116	108	-8	-6.9	0	3	3	23.44	5
15-1031	Computer Software Engineers, Applications	88	128	40	45.5	4	1	5	27.75	5
15-1032	Computer Software Engineers, Systems Soft.	50	66	16	32.0	2	1	3	30.99	5
15-1041	Computer Support Spec.	187	221	34	18.2	3	2	5	16.24	6
15-1051	Computer Systems Analysts	145	185	40	27.6	4	2	6	29.81	5
15-1061	Database Admin.	*	*	*	*	*	*	*	n/a	5
15-1071	Network & Computer Systems Admin.	102	147	45	44.1	5	1	6	25.23	5
15-1081	Network Systems & Data Comm. Analysts	90	141	51	56.7	5	1	6	24.90	5
15-1099	Computer Spec., All Other	42	49	7	16.7	1	1	2	20.81	6
15-2000	Mathematical Scientists	*	*	*	*	*	*	*	n/a	n/a
15-2011	Actuaries	*	*	*	*	*	*	*	n/a	4
15-2021	Mathematicians	*	*	*	*	*	*	*	n/a	2
15-2031	Operations Research Analysts	*	*	*	*	*	*	*	n/a	3
15-2041	Statisticians	*	*	*	*	*	*	*	n/a	3
15-2099	Mathematical Science Occupations, All Other	*	*	*	*	*	*	*	n/a	3

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Architecture & Engineering Occupations

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
17-0000 Architecture & Engineering Occupations		1,237	1,443	206	16.7	21	29	50	28.45	n/a
17-1000	Architects, Surveyors & Cartographers	*	*	*	*	*	*	*	n/a	n/a
17-1011	Architects, Ex. Landscape & Naval	*	*	*	*	*	*	*	n/a	5
17-1012	Landscape Architects	*	*	*	*	*	*	*	n/a	5
17-1021	Cartographers & Photogrammetrists	*	*	*	*	*	*	*	n/a	5
17-1022	Surveyors	*	*	*	*	*	*	*	16.00	5
17-2000	Engineers	879	1,055	176	20.0	18	20	38	n/a	n/a
17-2011	Aerospace Engineers	*	*	*	*	*	*	*	n/a	5
17-2021	Agricultural Engineers	*	*	*	*	*	*	*	n/a	5
17-2031	Biomedical Engineers	*	*	*	*	*	*	*	n/a	5
17-2041	Chemical Engineers	*	*	*	*	*	*	*	n/a	5
17-2051	Civil Engineers	40	45	5	12.5	1	1	2	26.24	5
17-2061	Computer Hardware Engineers	*	*	*	*	*	*	*	n/a	5
17-2071	Electrical Engineers	68	77	9	13.2	1	1	2	36.21	5
17-2072	Electronics Engineers, Ex. Computer	*	*	*	*	*	*	*	24.95	5
17-2081	Environmental Engineers	*	*	*	*	*	*	*	n/a	5
17-2111	Health & Safety Engineers, Ex. Mining Safety	*	*	*	*	*	*	*	30.93	5
17-2112	Industrial Engineers	306	385	79	25.8	8	7	15	33.44	5
17-2121	Marine Engineers & Naval Architects	*	*	*	*	*	*	*	n/a	5
17-2131	Materials Engineers	*	*	*	*	*	*	*	33.36	5
17-2141	Mechanical Engineers	198	232	34	17.2	3	5	8	28.27	5
17-2151	Mining & Geological Engrs., Incl. Mining Safety	*	*	*	*	*	*	*	n/a	5
17-2161	Nuclear Engineers	*	*	*	*	*	*	*	n/a	5
17-2171	Petroleum Engineers	*	*	*	*	*	*	*	n/a	5
17-2199	Engineers, All Other	178	216	38	21.3	4	3	7	35.49	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Architecture & Engineering Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
17-3000	Drafters, Engineering & Mapping Technicians	337	365	28	8.3	3	8	11	n/a	n/a
17-3011	Architectural & Civil Drafters	*	*	*	*	*	*	*	n/a	7
17-3012	Electrical & Electronics Drafters	*	*	*	*	*	*	*	n/a	7
17-3013	Mechanical Drafters	42	49	7	16.7	1	1	2	17.37	7
17-3019	Drafters, All Other	*	*	*	*	*	*	*	n/a	7
17-3021	Aerospace Engineering & Ops. Technicians	*	*	*	*	*	*	*	n/a	6
17-3022	Civil Engineering Technicians	52	56	4	7.7	0	1	1	16.90	6
17-3023	Electrical & Electronic Engineering Technicians	58	55	-3	-5.2	0	1	1	21.76	6
17-3024	Electro-Mechanical Technicians	*	*	*	*	*	*	*	n/a	6
17-3025	Environmental Engineering Technicians	*	*	*	*	*	*	*	n/a	6
17-3026	Industrial Engineering Technicians	*	*	*	*	*	*	*	19.33	6
17-3027	Mechanical Engineering Technicians	51	58	7	13.7	1	1	2	19.10	6
17-3029	Engineering Technicians, Ex. Drafters, All Other	58	65	7	12.1	1	1	2	19.12	6
17-3031	Surveying & Mapping Technicians	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Life, Physical & Social Science Occupations

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
19-0000 Life, Physical & Social Science Occupations		473	558	85	18.0	9	11	20	18.50	n/a
19-1000	Life Scientists	80	93	13	16.3	2	2	4	n/a	n/a
19-1011	Animal Scientists	*	*	*	*	*	*	*	n/a	5
19-1012	Food Scientists & Technologists	*	*	*	*	*	*	*	n/a	5
19-1013	Soil & Plant Scientists	*	*	*	*	*	*	*	n/a	5
19-1021	Biochemists & Biophysicists	*	*	*	*	*	*	*	n/a	2
19-1022	Microbiologists	*	*	*	*	*	*	*	n/a	2
19-1023	Zoologists & Wildlife Biologists	*	*	*	*	*	*	*	n/a	5
19-1029	Biological Scientists, All Other	*	*	*	*	*	*	*	n/a	5
19-1031	Conservation Scientists	*	*	*	*	*	*	*	n/a	5
19-1032	Foresters	*	*	*	*	*	*	*	n/a	5
19-1041	Epidemiologists	*	*	*	*	*	*	*	n/a	3
19-1042	Medical Scientists, Ex. Epidemiologists	*	*	*	*	*	*	*	n/a	2
19-1099	Life Scientists, All Other	*	*	*	*	*	*	*	n/a	5
19-2000	Physical Scientists	85	100	15	17.6	2	2	4	n/a	n/a
19-2011	Astronomers	*	*	*	*	*	*	*	n/a	2
19-2012	Physicists	*	*	*	*	*	*	*	n/a	2
19-2021	Atmospheric & Space Scientists	*	*	*	*	*	*	*	n/a	5
19-2031	Chemists	*	*	*	*	*	*	*	n/a	5
19-2032	Materials Scientists	*	*	*	*	*	*	*	n/a	5
19-2041	Environmental Scientists & Spec., Incl. Health	46	55	9	19.6	1	1	2	18.68	3
19-2042	Geoscientists, Ex. Hydrologists & Geographers	*	*	*	*	*	*	*	n/a	3
19-2043	Hydrologists	*	*	*	*	*	*	*	n/a	3
19-2099	Physical Scientists, All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Life, Physical & Social Science Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014 Growth Separations Total				
19-3000	Social Scientists & Related Workers	154	186	32	20.8	3	3	6	n/a	n/a
19-3011	Economists	*	*	*	*	*	*	*	n/a	3
19-3021	Market Research Analysts	32	36	4	12.5	0	1	1	26.56	5
19-3022	Survey Researchers	*	*	*	*	*	*	*	n/a	5
19-3031	Clinical, Counseling & School Psychologists	90	115	25	27.8	3	2	5	21.24	2
19-3039	Psychologists, All Other	*	*	*	*	*	*	*	n/a	3
19-3051	Urban & Regional Planners	*	*	*	*	*	*	*	n/a	3
19-3091	Anthropologists & Archeologists	*	*	*	*	*	*	*	n/a	3
19-3092	Geographers	*	*	*	*	*	*	*	n/a	3
19-3093	Historians	*	*	*	*	*	*	*	n/a	3
19-3094	Political Scientists	*	*	*	*	*	*	*	n/a	3
19-3099	Social Scientists & Related Workers, All Other	*	*	*	*	*	*	*	n/a	3
19-4000	Life, Physical & Social Science Technicians	154	179	25	16.2	3	3	6	n/a	n/a
19-4011	Agricultural & Food Science Technicians	*	*	*	*	*	*	*	n/a	6
19-4021	Biological Technicians	*	*	*	*	*	*	*	n/a	6
19-4031	Chemical Technicians	*	*	*	*	*	*	*	n/a	6
19-4041	Geological & Petroleum Technicians	*	*	*	*	*	*	*	n/a	6
19-4061	Social Science Research Assistants	*	*	*	*	*	*	*	n/a	6
19-4091	Environ. Sci. & Protection Techs., Incl. Health	46	51	5	10.9	1	1	2	n/a	6
19-4092	Forensic Science Technicians	*	*	*	*	*	*	*	n/a	6
19-4093	Forest & Conservation Technicians	*	*	*	*	*	*	*	n/a	6
19-4099	Life, Physical & Social Sci. Tech., All Other	56	69	13	23.2	1	1	2	n/a	6

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Community & Social Service Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
21-0000 Community & Social Services Occupations		1,355	1,616	261	19.3	26	25	51	15.30	n/a
21-1000	Counselors, Social Work. & Other Social Serv.	1,340	1,595	255	19.0	26	25	51	n/a	n/a
21-1011	Substance Abuse & Behavioral Disorder Couns.	*	*	*	*	*	*	*	n/a	3
21-1012	Educational, Vocational & School Counselors	205	253	48	23.4	5	5	10	21.44	3
21-1013	Marriage & Family Therapists	*	*	*	*	*	*	*	n/a	3
21-1014	Mental Health Counselors	*	*	*	*	*	*	*	18.63	3
21-1015	Rehabilitation Counselors	35	41	6	17.1	1	1	2	n/a	3
21-1019	Counselors, All Other	*	*	*	*	*	*	*	n/a	3
21-1021	Child, Family & School Social Workers	*	*	*	*	*	*	*	15.47	5
21-1022	Medical & Public Health Social Workers	73	93	20	27.4	2	1	3	15.26	5
21-1023	Mental Health & Subst. Abuse Social Workers	117	134	17	14.5	2	2	4	15.83	3
21-1029	Social Workers, All Other	45	47	2	4.4	0	1	1	12.42	5
21-1091	Health Educators	40	48	8	20.0	1	1	2	20.48	3
21-1092	Probation Offcr. & Correctional Treatment Spec.	*	*	*	*	*	*	*	n/a	5
21-1093	Social & Human Service Assistants	222	285	63	28.4	6	4	10	12.12	10
21-1099	Community & Social Service Spec., All Other	82	99	17	20.7	2	2	4	n/a	5
21-2000	Religious Workers	*	*	*	*	*	*	*	n/a	n/a
21-2011	Clergy	*	*	*	*	*	*	*	n/a	3
21-2021	Directors, Religious Activities & Education	*	*	*	*	*	*	*	n/a	5
21-2099	Religious Workers, All Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Legal Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2014-2014 Total		
23-0000	Legal Occupations	915	1,090	175	19.1	18	10	28	*	n/a
23-1000	Lawyers, Judges & Related Workers	505	585	80	15.8	8	7	15	n/a	n/a
23-1011	Lawyers	464	544	80	17.2	8	6	14	42.74	1
23-1021	Adm. Law Judges, Adjudicators & Hearing Offcr.	*	*	*	*	*	*	*	n/a	4
23-1022	Arbitrators, Mediators & Conciliators	*	*	*	*	*	*	*	n/a	4
23-1023	Judges, Magistrate Judges & Magistrates	*	*	*	*	*	*	*	n/a	4
23-2000	Legal Support Workers	410	505	95	23.2	10	4	14	n/a	n/a
23-2011	Paralegals & Legal Assistants	280	361	81	28.9	8	2	10	15.21	6
23-2091	Court Reporters	*	*	*	*	*	*	*	n/a	7
23-2092	Law Clerks	33	35	2	6.1	0	0	0	n/a	5
23-2093	Title Examiners, Abstractors & Searchers	*	*	*	*	*	*	*	n/a	10
23-2099	Legal Support Workers, All Other	49	57	8	16.3	1	1	2	11.26	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Education, Training & Library Occupations

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
25-0000 Education, Training & Library Occupations		6,635	8,120	1,485	22.4	149	136	285	16.38	n/a
25-1000	Postsecondary Teachers	1,067	1,424	357	33.5	36	24	60	n/a	n/a
25-1011	Business Teachers, Post.	53	72	19	35.8	2	1	3	n/a	3
25-1021	Computer Science Teachers, Post.	82	109	27	32.9	3	2	5	n/a	3
25-1022	Mathematical Science Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1031	Architecture Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1032	Engineering Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1041	Agricultural Sciences Teachers, Post.	38	51	13	34.2	1	1	2	n/a	2
25-1042	Biological Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1043	Forestry & Conservation Sci. Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1051	Atmospheric, Earth, Marine & Space Sci., Post.	47	63	16	34.0	1	2	3	n/a	2
25-1052	Chemistry Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1054	Physics Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1061	Anthropology & Archeology Teachers, Post.	113	152	39	34.5	1	3	4	n/a	2
25-1062	Area, Ethnic & Cultural Studies Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1063	Economics Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1064	Geography Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1065	Political Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1066	Psychology Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1067	Sociology Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1069	Social Sciences Teachers, Post., All Other	*	*	*	*	*	*	*	n/a	2
25-1071	Health Specialties Teachers, Post.	91	121	30	33.0	2	3	5	n/a	3
25-1072	Nursing Instructors & Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1081	Education Teachers, Post.	74	98	24	32.4	2	2	4	n/a	2
25-1082	Library Science Teachers, Post.	*	*	*	*	*	*	*	n/a	2

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Education, Training & Library Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
25-1111	Crim. Justice & Law Enforcement Teach., Post.	*	*	*	*	*	*	*	n/a	2
25-1112	Law Teachers, Post.	*	*	*	*	*	*	*	n/a	1
25-1113	Social Work Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1121	Art, Drama & Music Teachers, Post.	222	298	76	34.2	4	9	13	n/a	3
25-1122	Communications Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1123	English Language & Literature Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1124	Foreign Language & Literature Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1125	History Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1126	Philosophy & Religion Teachers, Post.	*	*	*	*	*	*	*	n/a	2
25-1191	Graduate Teaching Assistants	316	418	102	32.3	6	11	17	n/a	5
25-1192	Home Economics Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1193	Recreation & Fitness Studies Teachers, Post.	*	*	*	*	*	*	*	n/a	3
25-1194	Vocational Education Teachers, Post.	*	*	*	*	*	*	*	23.03	4
25-1199	Post. Teachers, All Other	*	*	*	*	*	*	*	n/a	2
25-2000	Primary, Secondary & Special Ed. Teachers	2,929	3,468	539	18.4	54	65	119	n/a	n/a
25-2011	Preschool Teachers, Ex. Special Education	299	401	102	34.1	10	4	14	9.18	7
25-2012	Kindergarten Teachers, Ex. Special Education	*	*	*	*	*	*	*	n/a	5
25-2021	Elem. School Teachers, Ex. Special Education	1,179	1,375	196	16.6	20	26	46	n/a	5
25-2022	Middle School Teachers, Ex. Special & Voc. Ed.	395	442	47	11.9	5	9	14	n/a	5
25-2023	Vocational Education Teachers, Middle School	*	*	*	*	*	*	*	n/a	4
25-2031	Sec. School Teachers, Ex. Special & Voc. Ed.	577	658	81	14.0	8	16	24	n/a	5
25-2032	Vocational Ed. Teachers, Secondary School	45	51	6	13.3	1	1	2	n/a	4
25-2041	Special Ed. Teachers, Pre., Kinder. & Elem.	187	240	53	28.3	5	5	10	n/a	5
25-2042	Special Education Teachers, Middle School	68	85	17	25.0	2	2	4	n/a	5
25-2043	Special Education Teachers, Secondary School	97	117	20	20.6	2	2	4	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Education, Training & Library Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
25-3000	Other Teachers & Instructors	956	1,228	272	28.5	27	12	39	n/a	n/a
25-3011	Adult Literacy, Remedial Ed. & GED Teachers	80	101	21	26.3	2	1	3	14.54	5
25-3021	Self-Enrichment Education Teachers	*	*	*	*	*	*	*	n/a	8
25-3099	Teachers & Instructors, All Other	864	1,112	248	28.7	25	11	36	11.16	5
25-4000	Librarians, Curators & Archivists	310	344	34	11.0	3	9	12	n/a	n/a
25-4011	Archivists	*	*	*	*	*	*	*	n/a	3
25-4012	Curators	*	*	*	*	*	*	*	n/a	3
25-4013	Museum Technicians & Conservators	*	*	*	*	*	*	*	n/a	3
25-4021	Librarians	191	203	12	6.3	1	5	6	18.77	3
25-4031	Library Technicians	*	*	*	*	*	*	*	11.73	7
25-9000	Other Ed., Training & Library Occupations	1,373	1,656	283	20.6	28	26	54	n/a	n/a
25-9011	Audio-Visual Collections Spec.	*	*	*	*	*	*	*	n/a	10
25-9021	Farm & Home Management Advisors	*	*	*	*	*	*	*	n/a	5
25-9031	Instructional Coordinators	70	94	24	34.3	2	1	3	21.96	3
25-9041	Teacher Assistants	1,203	1,439	236	19.6	24	23	47	n/a	11
25-9099	Education, Training & Library Workers, Other	95	118	23	24.2	2	1	3	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Arts, Design, Entertainment, Sports & Media Occs.

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
27-0000	Arts, Design, Entertain., Sports & Media Occs.	1,656	1,842	186	11.2	20	29	49	13.52	n/a
27-1000	Art & Design Workers	622	683	61	9.8	6	9	15	n/a	n/a
27-1011	Art Directors	*	*	*	*	*	*	*	n/a	4
27-1012	Craft Artists	*	*	*	*	*	*	*	n/a	9
27-1013	Fine Artists, Incl. Painters, Sculpt. & Illustrators	*	*	*	*	*	*	*	n/a	9
27-1014	Multi-Media Artists & Animators	*	*	*	*	*	*	*	n/a	5
27-1019	Artists & Related Workers, All Other	*	*	*	*	*	*	*	n/a	9
27-1021	Commercial & Industrial Designers	77	83	6	7.8	1	1	2	26.85	5
27-1022	Fashion Designers	*	*	*	*	*	*	*	n/a	6
27-1023	Floral Designers	131	151	20	15.3	2	2	4	9.22	10
27-1024	Graphic Designers	212	219	7	3.3	1	3	4	10.57	5
27-1025	Interior Designers	*	*	*	*	*	*	*	n/a	6
27-1026	Merchandise Displayers & Window Trimmers	133	152	19	14.3	2	2	4	7.58	10
27-1027	Set & Exhibit Designers	*	*	*	*	*	*	*	n/a	5
27-1029	Designers, All Other	*	*	*	*	*	*	*	n/a	5
27-2000	Entertainers & Performers, Sports & Related	386	449	63	16.3	7	8	15	n/a	n/a
27-2011	Actors	*	*	*	*	*	*	*	n/a	9
27-2012	Producers & Directors	51	60	9	17.6	1	1	2	n/a	4
27-2021	Athletes & Sports Competitors	*	*	*	*	*	*	*	n/a	9
27-2022	Coaches & Scouts	141	173	32	22.7	3	3	6	n/a	9
27-2023	Umpires, Referees & Other Sports Officials	*	*	*	*	*	*	*	n/a	9
27-2031	Dancers	*	*	*	*	*	*	*	n/a	9
27-2032	Choreographers	38	45	7	18.4	1	2	3	n/a	8
27-2041	Music Directors & Composers	*	*	*	*	*	*	*	n/a	4
27-2042	Musicians & Singers	*	*	*	*	*	*	*	n/a	9
27-2099	Entertainers & Perf., Sports & Related, All Other	109	127	18	16.5	2	1	3	n/a	9

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Arts, Design, Entertainment, Sports, Media Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
27-3000	Media & Communication Workers	519	563	44	8.5	6	9	15	n/a	n/a
27-3011	Radio & Television Announcers	77	66	-11	-14.3	0	2	2	8.70	9
27-3012	Public Address System & Other Announcers	*	*	*	*	*	*	*	n/a	9
27-3021	Broadcast News Analysts	*	*	*	*	*	*	*	n/a	4
27-3022	Reporters & Correspondents	51	54	3	5.9	0	1	1	9.95	4
27-3031	Public Relations Spec.	281	320	39	13.9	4	4	8	18.17	5
27-3041	Editors	46	49	3	6.5	0	1	1	18.63	5
27-3042	Technical Writers	*	*	*	*	*	*	*	n/a	5
27-3043	Writers & Authors	31	38	7	22.6	1	1	2	n/a	5
27-3091	Interpreters & Translators	*	*	*	*	*	*	*	n/a	9
27-3099	Media & Communication Workers, All Other	*	*	*	*	*	*	*	n/a	9
27-4000	Media & Communication Equipment Workers	129	147	18	14.0	2	3	5	n/a	n/a
27-4011	Audio & Video Equipment Technicians	*	*	*	*	*	*	*	n/a	9
27-4012	Broadcast Technicians	34	34	0	0.0	0	1	1	16.71	6
27-4014	Sound Engineering Technicians	*	*	*	*	*	*	*	n/a	7
27-4021	Photographers	41	50	9	22.0	1	1	2	9.39	9
27-4031	Camera Operators, TV, Video & Motion Picture	*	*	*	*	*	*	*	n/a	10
27-4032	Film & Video Editors	*	*	*	*	*	*	*	n/a	5
27-4099	Media & Comm. Equipment Workers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Healthcare Practitioners & Technical Occs.

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
29-0000 Healthcare Practitioners & Technical Occs.		5,451	6,651	1,200	22.0	120	102	222	23.63	n/a
29-1000	Health Diagnosing & Treating Practitioners	2,966	3,708	742	25.0	74	59	133	n/a	n/a
29-1011	Chiropractors	*	*	*	*	*	*	*	n/a	1
29-1021	Dentists, General	79	85	6	7.6	1	1	2	n/a	1
29-1022	Oral & Maxillofacial Surgeons	*	*	*	*	*	*	*	n/a	1
29-1023	Orthodontists	*	*	*	*	*	*	*	n/a	1
29-1031	Dietitians & Nutritionists	35	41	6	17.1	1	1	2	n/a	5
29-1041	Optometrists	*	*	*	*	*	*	*	44.14	1
29-1051	Pharmacists	204	253	49	24.0	5	4	9	37.97	1
29-1061	Physicians & Surgeons	*	*	*	*	*	*	*	n/a	1
29-1062	Anesthesiologists	162	190	28	17.3	3	2	5	n/a	1
29-1063	Family & General Practitioners	*	*	*	*	*	*	*	n/a	1
29-1064	Internists, General	68	79	11	16.2	1	1	2	74.23	1
29-1065	Obstetricians & Gynecologists	*	*	*	*	*	*	*	n/a	1
29-1066	Pediatricians, General	*	*	*	*	*	*	*	92.32	1
29-1067	Psychiatrists	57	67	10	17.5	1	1	2	n/a	1
29-1069	Surgeons	73	88	15	20.5	2	1	3	84.51	1
29-1071	Physician Assistants	*	*	*	*	*	*	*	n/a	5
29-1081	Podiatrists	*	*	*	*	*	*	*	n/a	1
29-1111	Registered Nurses	1,851	2,363	512	27.7	51	39	90	22.30	6
29-1121	Audiologists	*	*	*	*	*	*	*	n/a	1
29-1122	Occupational Therapists	50	66	16	32.0	2	1	3	32.89	3
29-1123	Physical Therapists	56	72	16	28.6	2	1	3	30.09	3
29-1124	Radiation Therapists	*	*	*	*	*	*	*	n/a	6
29-1125	Recreational Therapists	*	*	*	*	*	*	*	n/a	5
29-1126	Respiratory Therapists	92	115	23	25.0	2	3	5	18.11	6
29-1127	Speech-Language Pathologists	74	85	11	14.9	1	2	3	21.31	3
29-1129	Therapists, All Other	*	*	*	*	*	*	*	n/a	5
29-1131	Veterinarians	*	*	*	*	*	*	*	30.60	1
29-1199	Health Diagnosing & Treat. Practitioners, Other	*	*	*	*	*	*	*	n/a	5

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Healthcare Practitioners & Tech. Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
29-2000	Health Technologists & Technicians	2,408	2,849	441	18.3	44	42	86	n/a	n/a
29-2011	Medical & Clinical Laboratory Technologists	116	136	20	17.2	2	3	5	19.73	5
29-2012	Medical & Clinical Laboratory Technicians	70	84	14	20.0	1	2	3	13.87	6
29-2021	Dental Hygienists	113	148	35	31.0	4	1	5	n/a	6
29-2031	Cardiovascular Technologists & Technicians	49	60	11	22.4	1	1	2	n/a	6
29-2032	Diagnostic Medical Sonographers	*	*	*	*	*	*	*	25.94	6
29-2033	Nuclear Medicine Technologists	*	*	*	*	*	*	*	n/a	6
29-2034	Radiologic Technologists & Technicians	174	210	36	20.7	4	3	7	19.39	6
29-2041	Emergency Medical Technicians & Paramedics	214	272	58	27.1	6	3	9	n/a	7
29-2051	Dietetic Technicians	*	*	*	*	*	*	*	n/a	10
29-2052	Pharmacy Technicians	339	426	87	25.7	9	4	13	10.11	10
29-2053	Psychiatric Technicians	121	122	1	0.8	0	2	2	n/a	10
29-2054	Respiratory Therapy Technicians	71	72	1	1.4	0	1	1	16.06	6
29-2055	Surgical Technologists	94	118	24	25.5	2	1	3	14.97	7
29-2056	Veterinary Technologists & Technicians	*	*	*	*	*	*	*	11.01	6
29-2061	Licensed Practical & Licensed Voc. Nurses	756	846	90	11.9	9	17	26	14.48	7
29-2071	Medical Records & Health Info. Technicians	161	203	42	26.1	4	2	6	12.29	6
29-2081	Opticians, Dispensing	41	43	2	4.9	0	1	1	n/a	9
29-2091	Orthotists & Prosthetists	*	*	*	*	*	*	*	n/a	5
29-2099	Health Technologists & Technicians, All Other	41	49	8	19.5	1	1	2	17.67	7
29-9000	Other Healthcare Practitioners & Tech. Occs.	77	94	17	22.1	2	2	4	n/a	n/a
29-9011	Occupational Health & Safety Spec.	*	*	*	*	*	*	*	n/a	5
29-9012	Occupational Health & Safety Technicians	*	*	*	*	*	*	*	n/a	7
29-9091	Athletic Trainers	*	*	*	*	*	*	*	n/a	5
29-9099	Healthcare Practitioners & Tech. Workers, Other	*	*	*	*	*	*	*	n/a	7

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Healthcare Support Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
31-0000 Healthcare Support Occupations		3,222	4,039	817	25.4	82	51	133	9.79	n/a
31-1000	Nursing, Psychiatric & Home Health Aides	2,040	2,511	471	23.1	47	27	74	n/a	n/a
31-1011	Home Health Aides	219	309	90	41.1	9	3	12	9.68	11
31-1012	Nursing Aides, Orderlies & Attendants	1,818	2,199	381	21.0	38	24	62	8.49	7
31-1013	Psychiatric Aides	*	*	*	*	*	*	*	n/a	11
31-2000	Occupational & Phys. Therapist Assist. & Aides	76	97	21	27.6	2	1	3	n/a	n/a
31-2011	Occupational Therapist Assistants	*	*	*	*	*	*	*	20.47	6
31-2012	Occupational Therapist Aides	*	*	*	*	*	*	*	n/a	11
31-2021	Physical Therapist Assistants	49	65	16	32.7	2	1	3	n/a	6
31-2022	Physical Therapist Aides	*	*	*	*	*	*	*	12.52	11
31-9000	Other Healthcare Support Occupations	1,106	1,431	325	29.4	33	23	56	n/a	n/a
31-9011	Massage Therapists	56	65	9	16.1	1	1	2	n/a	7
31-9091	Dental Assistants	292	382	90	30.8	9	8	17	10.15	10
31-9092	Medical Assistants	396	557	161	40.7	16	7	23	11.92	10
31-9093	Medical Equipment Preparers	31	37	6	19.4	1	1	2	n/a	11
31-9094	Medical Transcriptionists	135	163	28	20.7	3	3	6	11.42	7
31-9095	Pharmacy Aides	*	*	*	*	*	*	*	n/a	11
31-9096	Vet. Assistants & Laboratory Animal Caretakers	*	*	*	*	*	*	*	8.31	11
31-9099	Healthcare Support Workers, All Other	166	192	26	15.7	3	3	6	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Protective Service Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
33-0000 Protective Service Occupations		1,585	1,811	226	14.3	24	54	78	11.77	n/a
33-1000	Mgrs., Protective Service Workers	159	191	32	20.1	3	5	8	n/a	n/a
33-1011	Mgrs. of Correctional Officers	30	33	3	10.0	0	1	1	n/a	8
33-1012	Mgrs. of Police & Detectives	77	95	18	23.4	2	3	5	26.08	8
33-1021	Mgrs. of Fire Fighting & Prevent	33	43	10	30.3	1	1	2	n/a	8
33-1099	Mgrs. of Protective Service Workers, Other	*	*	*	*	*	*	*	n/a	8
33-2000	Fire Fighting & Prevention Workers	158	209	51	32.3	5	5	10	n/a	n/a
33-2011	Fire Fighters	153	204	51	33.3	5	4	9	11.08	9
33-2021	Fire Inspectors & Investigators	*	*	*	*	*	*	*	n/a	8
33-2022	Forest Fire Inspectors & Prevention Spec.	*	*	*	*	*	*	*	n/a	8
33-3000	Law Enforcement Workers	645	758	113	17.5	11	15	26	n/a	n/a
33-3011	Bailiffs	*	*	*	*	*	*	*	n/a	10
33-3012	Correctional Officers & Jailers	270	312	42	15.6	4	6	10	9.45	10
33-3021	Detectives & Criminal Investigators	*	*	*	*	*	*	*	27.03	8
33-3031	Fish & Game Wardens	*	*	*	*	*	*	*	n/a	6
33-3041	Parking Enforcement Workers	*	*	*	*	*	*	*	n/a	11
33-3051	Police & Sheriff's Patrol Officers	301	358	57	18.9	6	8	14	12.83	9
33-3052	Transit & Railroad Police	*	*	*	*	*	*	*	n/a	9
33-9000	Other Protective Service Workers	623	653	30	4.8	5	29	34	n/a	n/a
33-9011	Animal Control Workers	142	157	15	10.6	2	10	12	n/a	10
33-9021	Private Detectives & Investigators	*	*	*	*	*	*	*	n/a	8
33-9031	Gaming Surveillance Ofcrs. & Investigators	*	*	*	*	*	*	*	n/a	10
33-9032	Security Guards	263	247	-16	-6.1	0	6	6	8.87	11
33-9091	Crossing Guards	*	*	*	*	*	*	*	n/a	11
33-9092	Lifeguards, Ski Patrol & Rec. Protective Workers	127	145	18	14.2	2	9	11	7.14	11
33-9099	Protective Service Workers, All Other	58	64	6	10.3	1	4	5	13.65	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Food Preparation & Serving Related Occs.

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
35-0000 Food Preparation & Serving Related Occs.		9,113	10,795	1,682	18.5	168	352	520	7.34	n/a
35-1000	Supervisors, Food Prep. & Serving Workers	1,013	1,224	211	20.8	21	25	46	n/a	n/a
35-1011	Chefs & Head Cooks	144	172	28	19.4	3	4	7	8.86	8
35-1012	Mgrs. of Food Preparation & Serving Workers	869	1,052	183	21.1	18	21	39	10.18	8
35-2000	Cooks & Food Preparation Workers	2,716	3,128	412	15.2	41	86	127	n/a	n/a
35-2011	Cooks, Fast Food	967	1,163	196	20.3	20	30	50	6.38	11
35-2012	Cooks, Institution & Cafeteria	794	847	53	6.7	5	25	30	8.41	10
35-2013	Cooks, Private Household	*	*	*	*	*	*	*	n/a	9
35-2014	Cooks, Restaurant	522	621	99	19.0	10	16	26	8.39	9
35-2015	Cooks, Short Order	103	116	13	12.6	1	3	4	9.08	11
35-2019	Cooks, All Other	*	*	*	*	*	*	*	n/a	10
35-2021	Food Preparation Workers	329	380	51	15.5	5	12	17	8.06	11
35-3000	Food & Beverage Serving Workers	4,636	5,572	936	20.2	94	217	311	n/a	n/a
35-3011	Bartenders	80	89	9	11.3	1	3	4	7.56	11
35-3021	Combined Food Prep. & Serving Workers	2,647	3,202	555	21.0	56	115	171	6.61	11
35-3022	Counter Attend., Cafeteria & Food Concession	117	146	29	24.8	3	8	11	6.35	11
35-3031	Waiters & Waitresses	1,745	2,084	339	19.4	34	90	124	6.98	11
35-3041	Food Servers, Nonrestaurant	47	51	4	8.5	0	2	2	n/a	11
35-9000	Other Food Prep. & Serving Related Workers	748	871	123	16.4	12	25	37	n/a	n/a
35-9011	Dining & Cafeteria Attend. & Bartender Helpers	113	121	8	7.1	1	4	5	7.11	11
35-9021	Dishwashers	424	502	78	18.4	8	14	22	6.59	11
35-9031	Hosts & Hostesses, Restaurant & Lounge	204	242	38	18.6	4	7	11	7.38	11
35-9099	Food Prep. & Serving Related Workers, Other	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Building, Grounds Cleaning & Maintenance Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
37-0000	Building & Grounds Cleaning & Maint. Occs.	3,472	3,983	511	14.7	52	69	121	9.02	n/a
37-1000	Sprvisors., Bldg. & Grounds Cleaning Workers	303	365	62	20.5	6	6	12	n/a	n/a
37-1011	Mgrs. of Housekeeping & Janitorial Workers	194	225	31	16.0	3	5	8	12.79	8
37-1012	Mgrs. of Landscaping, Lawn Service	109	140	31	28.4	3	1	4	14.63	8
37-2000	Building Cleaning & Pest Control Workers	2,668	3,065	397	14.9	40	53	93	n/a	n/a
37-2011	Janitors & Cleaners, Ex. Maids & Housekeeping	1,720	2,038	318	18.5	32	33	65	8.73	11
37-2012	Maids & Housekeeping Cleaners	946	1,025	79	8.4	8	20	28	7.78	11
37-2019	Building Cleaning Workers, All Other	*	*	*	*	*	*	*	n/a	11
37-2021	Pest Control Workers	*	*	*	*	*	*	*	10.15	10
37-3000	Grounds Maintenance Workers	501	553	52	10.4	6	11	17	n/a	n/a
37-3011	Landscaping & Groundskeeping Workers	461	522	61	13.2	6	10	16	9.57	11
37-3012	Pesticide Handlers, Sprayers & Applic., Veget.	*	*	*	*	*	*	*	n/a	10
37-3013	Tree Trimmers & Pruners	*	*	*	*	*	*	*	n/a	11
37-3019	Grounds Maintenance Workers, All Other	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Personal Care & Service Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual 2004-2014 Growth Separations Total				
39-0000 Personal Care & Service Occupations		2,969	3,536	567	19.1	57	74	131	8.96	n/a
39-1000	Supervisors, Personal Care & Service Workers	177	209	32	18.1	3	4	7	n/a	n/a
39-1011	Gaming Supervisors	*	*	*	*	*	*	*	n/a	8
39-1021	Mgrs. of Personal Service Workers	171	201	30	17.5	3	4	7	14.17	8
39-2000	Animal Care & Service Workers	200	226	26	13.0	3	5	8	n/a	n/a
39-2011	Animal Trainers	108	115	7	6.5	1	2	3	n/a	10
39-2021	Nonfarm Animal Caretakers	92	111	19	20.7	2	2	4	7.32	11
39-3000	Entertainment Attendants & Related Workers	309	378	69	22.3	7	11	18	n/a	n/a
39-3012	Gaming & Sports Book Writers & Runners	*	*	*	*	*	*	*	n/a	11
39-3021	Motion Picture Projectionists	*	*	*	*	*	*	*	n/a	11
39-3031	Ushers, Lobby Attendants & Ticket Takers	47	57	10	21.3	1	3	4	7.87	11
39-3091	Amusement & Recreation Attendants	179	224	45	25.1	5	5	10	8.54	11
39-3092	Costume Attendants	*	*	*	*	*	*	*	n/a	11
39-3093	Locker, Coatroom & Dressing Room Attendants	*	*	*	*	*	*	*	n/a	11
39-3099	Entertainment Attend. & Related Workers, Other	*	*	*	*	*	*	*	8.45	10
39-4000	Funeral Service Workers	*	*	*	*	*	*	*	n/a	n/a
39-4011	Embalmers	*	*	*	*	*	*	*	n/a	7
39-4021	Funeral Attendants	*	*	*	*	*	*	*	n/a	11
39-5000	Personal Appearance Workers	362	419	57	15.7	6	7	13	n/a	n/a
39-5011	Barbers	*	*	*	*	*	*	*	n/a	7
39-5012	Hairdressers, Hairstylists & Cosmetologists	334	386	52	15.6	5	6	11	10.57	7
39-5091	Makeup Artists, Theatrical & Performance	*	*	*	*	*	*	*	n/a	7
39-5092	Manicurists & Pedicurists	*	*	*	*	*	*	*	n/a	7
39-5093	Shampooers	*	*	*	*	*	*	*	n/a	11
39-5094	Skin Care Spec.	*	*	*	*	*	*	*	n/a	7
39-6000	Transportation, Tourism & Lodging Attendants	108	135	27	25.0	3	3	6	n/a	n/a
39-6011	Baggage Porters & Bellhops	*	*	*	*	*	*	*	n/a	11
39-6012	Concierges	*	*	*	*	*	*	*	n/a	10
39-6021	Tour Guides & Escorts	106	133	27	25.5	3	3	6	9.38	10
39-6022	Travel Guides	*	*	*	*	*	*	*	n/a	10
39-6031	Flight Attendants	*	*	*	*	*	*	*	n/a	9
39-6032	Transp. Attend., Ex. Flight Attend., Bag Porters	*	*	*	*	*	*	*	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Personal Care & Service Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
39-9000	Other Personal Care & Service Workers	1,724	2,075	351	20.4	35	42	77	n/a	n/a
39-9011	Child Care Workers	1,046	1,245	199	19.0	20	29	49	7.38	11
39-9021	Personal & Home Care Aides	231	301	70	30.3	7	4	11	6.86	11
39-9031	Fitness Trainers & Aerobics Instructors	146	166	20	13.7	2	3	5	10.27	7
39-9032	Recreation Workers	187	225	38	20.3	4	4	8	9.57	11
39-9041	Residential Advisors	69	86	17	24.6	2	2	4	n/a	10
39-9099	Personal Care & Service Workers, All Other	45	52	7	15.6	1	1	2	n/a	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Sales & Related Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014 Growth Separations Total				
41-0000 Sales & Related Occupations		13,496	15,121	1,625	12.0	164	449	613	10.66	n/a
41-1000	Supervisors, Sales Workers	2,783	3,065	282	10.1	28	50	78	n/a	n/a
41-1011	Mgrs. of Retail Sales Workers	2,312	2,547	235	10.2	24	42	66	14.63	8
41-1012	Mgrs. of Non-Retail Sales Workers	471	518	47	10.0	5	9	14	22.96	8
41-2000	Retail Sales Workers	8,296	9,208	912	11.0	92	346	438	n/a	n/a
41-2011	Cashiers	3,696	3,795	99	2.7	10	180	190	6.88	11
41-2012	Gaming Change Persons & Booth Cashiers	*	*	*	*	*	*	*	n/a	11
41-2021	Counter & Rental Clerks	344	425	81	23.5	8	13	21	7.98	11
41-2022	Parts Salespersons	229	218	-11	-4.8	0	7	7	13.51	10
41-2031	Retail Salespersons	4,027	4,770	743	18.5	74	146	220	8.68	11
41-3000	Sales Representatives, Services	644	749	105	16.3	11	12	23	n/a	n/a
41-3011	Advertising Sales Agents	72	74	2	2.8	0	1	1	16.83	10
41-3021	Insurance Sales Agents	214	242	28	13.1	3	5	8	20.02	5
41-3031	Securities, Commodities & Financial Serv. Sales	231	282	51	22.1	5	3	8	40.96	5
41-3041	Travel Agents	*	*	*	*	*	*	*	n/a	7
41-3099	Sales Representatives, Services, All Other	126	150	24	19.0	2	2	4	18.19	10
41-4000	Sales Reps., Wholesale & Manufacturing	888	1,079	191	21.5	19	23	42	n/a	n/a
41-4011	Sales Reps., Wholesale & Manuf., Tech. & Sci.	146	187	41	28.1	4	4	8	29.30	10
41-4012	Sales Reps., Whole. & Manuf., Ex. Tech. & Sci.	742	892	150	20.2	15	20	35	20.93	10
41-9000	Other Sales & Related Workers	885	1,020	135	15.3	14	18	32	n/a	n/a
41-9011	Demonstrators & Product Promoters	*	*	*	*	*	*	*	n/a	10
41-9012	Models	*	*	*	*	*	*	*	n/a	10
41-9021	Real Estate Brokers	*	*	*	*	*	*	*	n/a	8
41-9022	Real Estate Sales Agents	464	555	91	19.6	9	9	18	13.83	7
41-9031	Sales Engineers	*	*	*	*	*	*	*	n/a	5
41-9041	Telemarketers	114	110	-4	-3.5	0	2	2	10.56	11
41-9091	Door-To-Door Sales, News & Street Vendors	*	*	*	*	*	*	*	n/a	11
41-9099	Sales & Related Workers, All Other	168	201	33	19.6	3	3	6	29.86	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Office & Administrative Support Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual 2004-2014 Growth Separations Total				
43-0000 Office & Administrative Support Occupations		16,445	17,366	921	5.6	131	383	514	11.77	n/a
43-1000	Supervisors, Office & Admin. Support Workers	1,024	1,083	59	5.8	6	22	28	n/a	n/a
43-1011	Mgrs. of Office & Admin. Support Workers	1,024	1,083	59	5.8	6	22	28	15.75	8
43-2000	Communications Equipment Operators	113	101	-12	-10.6	0	3	3	n/a	n/a
43-2011	Switchboard Operators, Incl. Answering Service	110	99	-11	-10.0	0	3	3	8.53	11
43-2021	Telephone Operators	*	*	*	*	*	*	*	n/a	11
43-2099	Communications Equipment Operators, All Other	*	*	*	*	*	*	*	n/a	11
43-3000	Financial Clerks	3,075	3,287	212	6.9	22	72	94	n/a	n/a
43-3011	Bill & Account Collectors	215	263	48	22.3	5	4	9	11.81	11
43-3021	Billing & Posting Clerks & Machine Operators	664	684	20	3.0	2	11	13	12.13	10
43-3031	Bookkeeping, Accounting & Auditing Clerks	1,497	1,565	68	4.5	7	28	35	11.51	10
43-3051	Payroll & Timekeeping Clerks	200	234	34	17.0	3	5	8	13.29	10
43-3061	Procurement Clerks	36	32	-4	-11.1	0	1	1	12.05	11
43-3071	Tellers	463	509	46	9.9	5	23	28	8.91	11
43-4000	Information & Record Clerks	3,767	4,200	433	11.5	55	85	140	n/a	n/a
43-4011	Brokerage Clerks	35	40	5	14.3	1	1	2	n/a	10
43-4021	Correspondence Clerks	*	*	*	*	*	*	*	n/a	11
43-4031	Court, Municipal & License Clerks	*	*	*	*	*	*	*	n/a	11
43-4041	Credit Authorizers, Checkers & Clerks	*	*	*	*	*	*	*	13.24	11
43-4051	Customer Service Representatives	1,252	1,509	257	20.5	26	19	45	11.66	10
43-4061	Eligibility Interviewers, Government Programs	*	*	*	*	*	*	*	n/a	10
43-4071	File Clerks	165	106	-59	-35.8	0	5	5	9.32	11
43-4081	Hotel, Motel & Resort Desk Clerks	283	289	6	2.1	1	13	14	7.89	11
43-4111	Interviewers, Ex. Eligibility & Loan	270	336	66	24.4	7	7	14	9.75	11
43-4121	Library Assistants, Clerical	*	*	*	*	*	*	*	8.45	11
43-4131	Loan Interviewers & Clerks	100	103	3	3.0	0	1	1	9.34	11
43-4141	New Accounts Clerks	*	*	*	*	*	*	*	n/a	8
43-4151	Order Clerks	209	174	-35	-16.7	0	5	5	10.07	11
43-4161	H.R. Assistants, Ex. Payroll & Timekeeping	145	176	31	21.4	3	3	6	13.20	11
43-4171	Receptionists & Information Clerks	862	1,002	140	16.2	14	21	35	9.48	11
43-4181	Reservation & Transp. Ticket Agents & Clerks	*	*	*	*	*	*	*	n/a	11
43-4199	Information & Record Clerks, All Other	114	106	-8	-7.0	0	2	2	14.08	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Office & Administrative Support Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
43-5000	Material Recording, Dispatching & Distributing	3,476	3,515	39	1.1	20	98	118	n/a	n/a
43-5011	Cargo & Freight Agents	48	51	3	6.3	0	1	1	n/a	10
43-5021	Couriers & Messengers	120	116	-4	-3.3	0	3	3	7.69	11
43-5031	Police, Fire & Ambulance Dispatchers	257	312	55	21.4	6	6	12	9.56	10
43-5032	Dispatchers, Ex. Police, Fire & Ambulance	128	142	14	10.9	1	3	4	12.13	10
43-5041	Meter Readers, Utilities	*	*	*	*	*	*	*	12.83	11
43-5051	Postal Service Clerks	81	77	-4	-4.9	0	2	2	22.64	11
43-5052	Postal Service Mail Carriers	314	303	-11	-3.5	0	10	10	20.43	11
43-5053	Postal Service Mail Sorters & Processors	126	121	-5	-4.0	0	3	3	18.85	11
43-5061	Production, Planning & Expediting Clerks	284	311	27	9.5	3	7	10	16.98	11
43-5071	Shipping, Receiving & Traffic Clerks	778	882	104	13.4	10	16	26	12.93	11
43-5081	Stock Clerks & Order Fillers	1,214	1,098	-116	-9.6	0	45	45	9.38	11
43-5111	Weigher, Measurer, Checker, Sampler, Records.	84	79	-5	-6.0	0	2	2	12.94	11
43-6000	Secretaries & Administrative Assistants	2,794	2,875	81	2.9	12	54	66	n/a	n/a
43-6011	Executive Secretaries & Admin. Assistants	1,038	1,113	75	7.2	8	20	28	13.64	10
43-6012	Legal Secretaries	164	182	18	11.0	2	3	5	14.94	7
43-6013	Medical Secretaries	316	347	31	9.8	3	6	9	11.36	7
43-6014	Secretaries, Ex. Legal, Medical & Executive	1,276	1,233	-43	-3.4	0	24	24	11.00	10
43-9000	Other Office & Administrative Support Workers	2,196	2,305	109	5.0	17	49	66	n/a	n/a
43-9011	Computer Operators	61	40	-21	-34.4	0	1	1	14.91	10
43-9021	Data Entry Keyers	150	145	-5	-3.3	0	4	4	9.98	10
43-9022	Word Processors & Typists	61	57	-4	-6.6	0	1	1	13.26	10
43-9031	Desktop Publishers	*	*	*	*	*	*	*	n/a	7
43-9041	Insurance Claims & Policy Processing Clerks	38	39	1	2.6	0	1	1	15.60	10
43-9051	Mail Clerks & Mail Machine Ops., Ex. Postal	*	*	*	*	*	*	*	10.16	11
43-9061	Office Clerks, General	1,698	1,835	137	8.1	14	38	52	10.04	11
43-9071	Office Machine Operators, Ex. Computer	*	*	*	*	*	*	*	n/a	11
43-9081	Proofreaders & Copy Markers	*	*	*	*	*	*	*	n/a	11
43-9111	Statistical Assistants	*	*	*	*	*	*	*	n/a	10
43-9199	Office & Administrative Support Workers, Other	100	125	25	25.0	3	2	5	10.86	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Farming, Fishing & Forestry Occupations

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
45-0000 Farming, Fishing & Forestry Occupations		2,508	2,315	-193	-7.7	4	68	72	12.12	n/a
45-1000	Supervisors, Farming, Fishing & Forestry Work.	158	167	9	5.7	1	4	5	n/a	n/a
45-1011	Mgrs. of Farming, Fishing & Forestry Workers	157	166	9	5.7	1	4	5	n/a	8
45-1012	Farm Labor Contractors	*	*	*	*	*	*	*	n/a	8
45-2000	Agricultural Workers	2,251	2,025	-226	-10.0	1	63	64	n/a	n/a
45-2011	Agricultural Inspectors	*	*	*	*	*	*	*	n/a	8
45-2021	Animal Breeders	59	65	6	10.2	1	1	2	n/a	11
45-2041	Graders & Sorters, Agricultural Products	61	63	2	3.3	0	2	2	n/a	8
45-2091	Agricultural Equipment Operators	*	*	*	*	*	*	*	n/a	10
45-2092	Farmworkers & Laborers, Crop, Nursery	1,648	1,442	-206	-12.5	0	47	47	n/a	11
45-2093	Farmworkers, Farm & Ranch Animals	289	271	-18	-6.2	0	8	8	9.24	11
45-2099	Agricultural Workers, All Other	*	*	*	*	*	*	*	n/a	11
45-3000	Fishing & Hunting Workers	*	*	*	*	*	*	*	n/a	n/a
45-3011	Fishers & Related Fishing Workers	*	*	*	*	*	*	*	n/a	10
45-4000	Forest, Conservation & Logging Workers	99	123	24	24.2	2	2	4	n/a	10
45-4011	Forest & Conservation Workers	*	*	*	*	*	*	*	n/a	10
45-4021	Fallers	*	*	*	*	*	*	*	n/a	10
45-4022	Logging Equipment Operators	*	*	*	*	*	*	*	n/a	10
45-4023	Log Graders & Scalers	*	*	*	*	*	*	*	n/a	n/a
45-4029	Logging Workers, All Other	*	*	*	*	*	*	*	n/a	n/a

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Construction & Extraction Occupations

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual 2004-2014 Growth Separations Total				
47-0000 Construction & Extraction Occupations		5,333	6,091	758	14.2	76	105	181	14.17	8
47-1000	Supervisors, Construction & Extraction Workers	564	650	86	15.2	9	10	19	n/a	n/a
47-1011	Mgrs. of Constr. Trades & Extraction Workers	564	650	86	15.2	9	10	19	21.87	9
47-2000	Construction Trades Workers	4,105	4,670	565	13.8	57	77	134	n/a	n/a
47-2011	Boilermakers	*	*	*	*	*	*	*	n/a	9
47-2021	Brickmasons & Blockmasons	101	118	17	16.8	2	2	4	n/a	9
47-2022	Stonemasons	*	*	*	*	*	*	*	n/a	9
47-2031	Carpenters	842	1,012	170	20.2	17	14	31	15.97	10
47-2041	Carpet Installers	*	*	*	*	*	*	*	n/a	10
47-2042	Floor Layers, Ex. Carpet, Wood & Hard Tiles	*	*	*	*	*	*	*	n/a	10
47-2043	Floor Sanders & Finishers	*	*	*	*	*	*	*	n/a	9
47-2044	Tile & Marble Setters	*	*	*	*	*	*	*	n/a	10
47-2051	Cement Masons & Concrete Finishers	118	137	19	16.1	2	2	4	14.99	9
47-2053	Terrazzo Workers & Finishers	*	*	*	*	*	*	*	n/a	10
47-2061	Construction Laborers	684	696	12	1.8	1	9	10	11.37	10
47-2071	Paving, Surfacing & Tamping Equip. Operators	184	202	18	9.8	2	3	5	10.48	10
47-2072	Pile-Driver Operators	*	*	*	*	*	*	*	n/a	10
47-2073	Operating Engineers & Other Constr. Equip. Ops.	737	828	91	12.3	9	19	28	13.16	10
47-2081	Drywall & Ceiling Tile Installers	70	80	10	14.3	1	2	3	17.19	10
47-2082	Tapers	*	*	*	*	*	*	*	n/a	9
47-2111	Electricians	313	354	41	13.1	4	6	10	19.42	9
47-2121	Glaziers	53	62	9	17.0	1	1	2	n/a	10
47-2131	Insulation Workers, Floor, Ceiling & Wall	*	*	*	*	*	*	*	n/a	10
47-2132	Insulation Workers, Mechanical	*	*	*	*	*	*	*	n/a	10
47-2141	Painters, Construction & Maintenance	247	299	52	21.1	5	4	9	12.41	10
47-2142	Paperhangers	*	*	*	*	*	*	*	n/a	10
47-2151	Pipelayers	86	97	11	12.8	1	2	3	12.21	9
47-2152	Plumbers, Pipefitters & Steamfitters	237	278	41	17.3	4	5	9	20.30	9
47-2161	Plasterers & Stucco Masons	*	*	*	*	*	*	*	n/a	9
47-2171	Reinforcing Iron & Rebar Workers	*	*	*	*	*	*	*	n/a	10
47-2181	Roofers	65	78	13	20.0	1	2	3	12.33	9
47-2211	Sheet Metal Workers	88	104	16	18.2	2	2	4	15.27	10
47-2221	Structural Iron & Steel Workers	84	98	14	16.7	1	2	3	14.71	9

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Construction & Extraction Occs. (cont'd)

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
47-3000	Helpers, Construction Trades	248	276	28	11.3	3	10	13	n/a	n/a
47-3011	Helpers--Brick, Block, Stone & Tile Setters	39	44	5	12.8	1	2	3	n/a	11
47-3012	Helpers--Carpenters	69	80	11	15.9	1	3	4	8.71	11
47-3013	Helpers--Electricians	52	54	2	3.8	0	2	2	11.63	11
47-3014	Helpers--Paint, Paperhanger, Plasterer & Stucco	*	*	*	*	*	*	*	n/a	11
47-3015	Helpers--Pipelayer & Fitter, Plumber, Steamfitter	65	74	9	13.8	1	3	4	11.33	11
47-3016	Helpers--Roofers	*	*	*	*	*	*	*	n/a	11
47-3019	Helpers, Construction Trades, All Other	*	*	*	*	*	*	*	n/a	11
47-4000	Other Construction & Related Workers	290	361	71	24.5	7	5	12	n/a	n/a
47-4011	Construction & Building Inspectors	34	42	8	23.5	1	1	2	23.91	8
47-4021	Elevator Installers & Repairers	*	*	*	*	*	*	*	n/a	9
47-4031	Fence Erectors	*	*	*	*	*	*	*	n/a	10
47-4041	Hazardous Materials Removal Workers	*	*	*	*	*	*	*	n/a	10
47-4051	Highway Maintenance Workers	219	277	58	26.5	6	3	9	10.35	10
47-4061	Rail-Track Laying & Maint. Equipment Operators	*	*	*	*	*	*	*	n/a	10
47-4071	Septic Tank Servicers & Sewer Pipe Cleaners	*	*	*	*	*	*	*	n/a	10
47-4099	Construction & Related Workers, All Other	*	*	*	*	*	*	*	n/a	10
47-5000	Extraction Workers	126	134	8	6.3	1	3	4	n/a	n/a
47-5011	Derrick Operators, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5012	Rotary Drill Operators, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5013	Service Unit Operators, Oil, Gas & Mining	*	*	*	*	*	*	*	n/a	10
47-5021	Earth Drillers, Ex. Oil & Gas	45	51	6	13.3	1	1	2	n/a	10
47-5031	Explosives Worker, Ordnance Handling & Blaster	*	*	*	*	*	*	*	n/a	10
47-5041	Continuous Mining Machine Operators	*	*	*	*	*	*	*	n/a	10
47-5042	Mine Cutting & Channeling Machine Operators	*	*	*	*	*	*	*	n/a	10
47-5049	Mining Machine Operators, All Other	*	*	*	*	*	*	*	n/a	10
47-5051	Rock Splitters, Quarry	*	*	*	*	*	*	*	n/a	10
47-5061	Roof Bolters, Mining	*	*	*	*	*	*	*	n/a	10
47-5071	Roustabouts, Oil & Gas	*	*	*	*	*	*	*	n/a	10
47-5081	Helpers--Extraction Workers	*	*	*	*	*	*	*	n/a	11
47-5099	Extraction Workers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Installation, Maintenance & Repair Occs.

Occupational Employment Outlook

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
49-0000 Installation, Maintenance & Repair Occupations		5,102	5,768	666	13.1	69	114	183	16.35	n/a
49-1000	Supervisors of Installation, Maint. & Repair	451	514	63	14.0	6	11	17	n/a	n/a
49-1011	Mgrs. of Mechanics, Installers & Repairers	451	514	63	14.0	6	11	17	21.42	8
49-2000	Electric. & Electron. Equip. Mechanics, Installer	380	434	54	14.2	6	6	12	n/a	n/a
49-2011	Computer, Auto. Teller & Office Machine Repairer	165	182	17	10.3	2	2	4	11.17	7
49-2021	Radio Mechanics	*	*	*	*	*	*	*	n/a	7
49-2022	Telecomm. Equip. Installers & Repairers	82	89	7	8.5	1	2	3	20.89	9
49-2091	Avionics Technicians	*	*	*	*	*	*	*	n/a	7
49-2092	Electric Motor, Power Tool & Related Repairers	*	*	*	*	*	*	*	n/a	7
49-2093	Electric. & Electron. Install & Repair, Transp.	*	*	*	*	*	*	*	n/a	7
49-2094	Electric. & Electron. Rep., Commercial & Industr.	32	38	6	18.8	1	1	2	16.71	7
49-2095	Electric. & Electron. Rep., Powerhouse, Substat.	*	*	*	*	*	*	*	n/a	7
49-2096	Electronic Equip. Install & Repair, Motor Vehicle	*	*	*	*	*	*	*	n/a	7
49-2097	Electronic Home Entertain. Equip. Install & Rep.	*	*	*	*	*	*	*	n/a	7
49-2098	Security & Fire Alarm Systems Installers	*	*	*	*	*	*	*	n/a	7
49-3000	Vehicle & Mobile Equip. Mechanics, Installers	1,359	1,580	221	16.3	22	36	58	n/a	n/a
49-3011	Aircraft Mechanics & Service Technicians	*	*	*	*	*	*	*	n/a	7
49-3021	Automotive Body & Related Repairers	111	125	14	12.6	1	2	3	12.92	9
49-3022	Automotive Glass Installers & Repairers	*	*	*	*	*	*	*	n/a	9
49-3023	Automotive Service Technicians & Mechanics	596	702	106	17.8	11	16	27	13.69	7
49-3031	Bus & Truck Mechanics & Diesel Engine Spec.	250	301	51	20.4	5	6	11	13.50	7
49-3041	Farm Equipment Mechanics	*	*	*	*	*	*	*	n/a	7
49-3042	Mobile Heavy Equip. Mechanics, Ex. Engines	162	185	23	14.2	2	4	6	16.33	7
49-3043	Rail Car Repairers	*	*	*	*	*	*	*	n/a	9
49-3051	Motorboat Mechanics	*	*	*	*	*	*	*	11.64	9
49-3052	Motorcycle Mechanics	36	41	5	13.9	1	1	2	n/a	9
49-3053	Outdoor Power Equip. & Small Engine Mechanic	59	73	14	23.7	1	2	3	9.29	10
49-3091	Bicycle Repairers	*	*	*	*	*	*	*	n/a	10
49-3092	Recreational Vehicle Service Technicians	*	*	*	*	*	*	*	n/a	9
49-3093	Tire Repairers & Changers	86	88	2	2.3	0	4	4	18.36	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Installation, Maintenance & Repair Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage	Educ/ Training
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014				
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
49-9000	Other Installation, Maintenance & Repair Occs.	2,912	3,240	328	11.3	35	60	95	n/a	n/a
49-9011	Mechanical Door Repairers	*	*	*	*	*	*	*	n/a	10
49-9012	Control & Valve Install & Repair, Ex. Mech. Door	34	33	-1	-2.9	0	1	1	15.65	10
49-9021	Heating, A.C. & Refrig. Mechanics & Installers	152	179	27	17.8	3	2	5	12.53	9
49-9031	Home Appliance Repairers	*	*	*	*	*	*	*	n/a	9
49-9041	Industrial Machinery Mechanics	565	624	59	10.4	6	11	17	21.82	9
49-9042	Maintenance & Repair Workers, General	1,574	1,766	192	12.2	19	30	49	14.83	10
49-9043	Maintenance Workers, Machinery	52	60	8	15.4	1	1	2	13.15	11
49-9044	Millwrights	30	35	5	16.7	1	1	2	n/a	9
49-9045	Refractory Materials Repairers, Ex. Brickmasons	*	*	*	*	*	*	*	n/a	10
49-9051	Electrical Power-Line Installers & Repairers	121	98	-23	-19.0	0	4	4	22.69	9
49-9052	Telecommunications Line Installers & Repairers	61	73	12	19.7	1	2	3	15.99	9
49-9061	Camera & Photographic Equipment Repairers	*	*	*	*	*	*	*	n/a	10
49-9062	Medical Equipment Repairers	*	*	*	*	*	*	*	10.72	6
49-9063	Musical Instrument Repairers & Tuners	*	*	*	*	*	*	*	n/a	9
49-9064	Watch Repairers	*	*	*	*	*	*	*	n/a	9
49-9069	Precision Instrument & Equip. Repairers, Other	*	*	*	*	*	*	*	n/a	10
49-9091	Coin, Vending & Amusement Mach. Serv. & Rep.	51	51	0	0.0	0	1	1	14.91	10
49-9092	Commercial Divers	*	*	*	*	*	*	*	n/a	10
49-9093	Fabric Menders, Ex. Garment	*	*	*	*	*	*	*	n/a	10
49-9094	Locksmiths & Safe Repairers	*	*	*	*	*	*	*	n/a	10
49-9095	Manufactured Building & Mobile Home Installers	*	*	*	*	*	*	*	n/a	10
49-9096	Riggers	*	*	*	*	*	*	*	n/a	11
49-9097	Signal & Track Switch Repairers	*	*	*	*	*	*	*	n/a	10
49-9098	Helpers--Installation, Maint. & Repair Workers	78	93	15	19.2	2	3	5	10.36	11
49-9099	Installation, Maint. & Repair Workers, All Other	114	135	21	18.4	2	3	5	13.50	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Production Occupations

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-0000 Production Occupations		21,151	22,338	1,187	5.6	202	511	713	13.93	n/a
51-1000	Supervisors, Production Workers	1,224	1,378	154	12.6	15	26	41	n/a	n/a
51-1011	Mgrs. of Production & Operating	1,224	1,378	154	12.6	15	26	41	21.11	8
51-2000	Assemblers & Fabricators	5,267	5,890	623	11.8	71	135	206	n/a	n/a
51-2011	Aircraft Structure, Surface, Rig & Sys. Assemb.	*	*	*	*	*	*	*	n/a	9
51-2021	Coil Winders, Tapers & Finishers	*	*	*	*	*	*	*	n/a	11
51-2022	Electrical & Electronic Equipment Assemblers	348	269	-79	-22.7	0	8	8	n/a	11
51-2023	Electromechanical Equipment Assemblers	*	*	*	*	*	*	*	n/a	11
51-2031	Engine & Other Machine Assemblers	44	52	8	18.2	1	1	2	n/a	11
51-2041	Structural Metal Fabricators & Fitters	44	53	9	20.5	1	1	2	n/a	10
51-2091	Fiberglass Laminators & Fabricators	*	*	*	*	*	*	*	n/a	10
51-2092	Team Assemblers	3,877	4,497	620	16.0	62	100	162	12.25	10
51-2093	Timing Device Assemblers, Adjust. & Calibrators	*	*	*	*	*	*	*	n/a	10
51-2099	Assemblers & Fabricators, All Other	*	*	*	*	*	*	*	n/a	10
51-3000	Food Processing Workers	227	236	9	4.0	1	5	6	n/a	n/a
51-3011	Bakers	*	*	*	*	*	*	*	11.36	9
51-3021	Butchers & Meat Cutters	91	87	-4	-4.4	0	2	2	11.75	9
51-3022	Meat, Poultry & Fish Cutters & Trimmers	*	*	*	*	*	*	*	n/a	11
51-3023	Slaughterers & Meat Packers	*	*	*	*	*	*	*	n/a	10
51-3091	Food & Tobacco Roast., Baking, Dry. Mach. Ops.	*	*	*	*	*	*	*	n/a	11
51-3092	Food Batchmakers	34	36	2	5.9	0	1	1	10.02	11
51-3093	Food Cooking Machine Operators & Tenders	*	*	*	*	*	*	*	n/a	11
51-4000	Metal Workers & Plastic Workers	6,559	7,022	463	7.1	61	163	224	n/a	n/a
51-4011	Computer-Controlled Machine Tool Operators	*	*	*	*	*	*	*	13.03	10
51-4012	Numerical Tool & Process Control Programmers	*	*	*	*	*	*	*	23.70	9
51-4021	Extruding & Drawing Machine SOT^	278	254	-24	-8.6	0	9	9	n/a	10
51-4022	Forging Machine SOT^, Metal & Plastic	78	87	9	11.5	1	1	2	n/a	10
51-4023	Rolling Machine SOT^, Metal & Plastic	*	*	*	*	*	*	*	16.20	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
Code	Title	2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
		Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-4031	Cutting, Punching & Press Machine SOT^	927	814	-113	-12.2	0	22	22	11.67	10
51-4032	Drilling & Boring Machine Tool SOT^	330	356	26	7.9	3	10	13	13.24	10
51-4033	Grind., Lapping, Polish. & Buff. Mach. Tool SOT^	469	464	-5	-1.1	0	9	9	12.90	10
51-4034	Lathe & Turning Machine Tool SOT^	176	187	11	6.3	1	3	4	n/a	10
51-4035	Milling & Planing Machine SOT^	46	38	-8	-17.4	0	1	1	n/a	10
51-4041	Machinists	375	441	66	17.6	7	9	16	15.86	9
51-4051	Metal-Refining Furnace Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-4052	Pourers & Casters, Metal	*	*	*	*	*	*	*	n/a	10
51-4061	Model Makers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4062	Patternmakers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4071	Foundry Mold & Coremakers	*	*	*	*	*	*	*	n/a	10
51-4072	Molding, Coremaking & Casting Machine SOT^	1,374	1,503	129	9.4	13	34	47	9.59	10
51-4081	Multiple Machine Tool SOT^, Metal & Plastic	945	1,060	115	12.2	12	26	38	17.71	10
51-4111	Tool & Die Makers	357	403	46	12.9	5	8	13	19.50	9
51-4121	Welders, Cutters, Solderers & Brazers	523	616	93	17.8	9	15	24	13.85	9
51-4122	Welding, Soldering & Brazing Machine SOT^	219	270	51	23.3	5	6	11	n/a	10
51-4191	Heat Treating Equipment SOT^, Metal & Plastic	75	93	18	24.0	2	2	4	15.49	10
51-4192	Lay-Out Workers, Metal & Plastic	*	*	*	*	*	*	*	n/a	10
51-4193	Plating & Coating Machine SOT^	90	105	15	16.7	2	2	4	16.59	10
51-4194	Tool Grinders, Filers & Sharpeners	31	37	6	19.4	1	1	2	14.75	10
51-4199	Metal Workers & Plastic Workers, All Other	*	*	*	*	*	*	*	n/a	10
51-5000	Printing Workers	710	663	-47	-6.6	1	18	19	n/a	n/a
51-5011	Bindery Workers	251	206	-45	-17.9	0	7	7	n/a	11
51-5012	Bookbinders	*	*	*	*	*	*	*	n/a	10
51-5021	Job Printers	*	*	*	*	*	*	*	n/a	9
51-5022	Prepress Technicians & Workers	109	97	-12	-11.0	0	3	3	16.48	7
51-5023	Printing Machine Operators	343	352	9	2.6	1	8	9	17.44	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-6000	Textile, Apparel & Furnishings Workers	1,446	959	-487	-33.7	2	24	26	n/a	n/a
51-6011	Laundry & Dry-Cleaning Workers	224	236	12	5.4	1	6	7	8.20	10
51-6021	Pressers, Textile, Garment & Related Materials	77	71	-6	-7.8	0	1	1	7.40	11
51-6031	Sewing Machine Operators	879	413	-466	-53.0	0	11	11	9.18	10
51-6041	Shoe & Leather Workers & Repairers	*	*	*	*	*	*	*	n/a	9
51-6042	Shoe Machine Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-6051	Sewers, Hand	*	*	*	*	*	*	*	n/a	11
51-6052	Tailors, Dressmakers & Custom Sewers	*	*	*	*	*	*	*	n/a	9
51-6061	Textile Bleaching & Dyeing Mach. Ops. & Tends.	*	*	*	*	*	*	*	n/a	10
51-6062	Textile Cutting Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-6063	Textile Knitting & Weaving Machine SOT^	*	*	*	*	*	*	*	n/a	9
51-6064	Textile Winding, Twist. & Draw. Out Mach. SOT^	*	*	*	*	*	*	*	n/a	10
51-6091	Extruding & Forming Machine SOT^	*	*	*	*	*	*	*	n/a	10
51-6092	Fabric & Apparel Patternmakers	*	*	*	*	*	*	*	n/a	9
51-6093	Upholsterers	65	62	-3	-4.6	0	2	2	n/a	9
51-6099	Textile, Apparel & Furnishings Workers, Other	*	*	*	*	*	*	*	n/a	11
51-7000	Woodworkers	692	756	64	9.2	7	18	25	n/a	n/a
51-7011	Cabinetmakers & Bench Carpenters	199	239	40	20.1	4	5	9	10.22	9
51-7021	Furniture Finishers	*	*	*	*	*	*	*	n/a	9
51-7031	Model Makers, Wood	*	*	*	*	*	*	*	n/a	9
51-7032	Patternmakers, Wood	*	*	*	*	*	*	*	n/a	9
51-7041	Sawing Machine SOT^, Wood	162	171	9	5.6	1	5	6	9.84	10
51-7042	Woodworking Machine SOT^	293	315	22	7.5	2	8	10	9.26	10
51-7099	Woodworkers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed n/a - Not Available ~ Education/Training Required Codes- Page 76 ^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
51-8000	Plant & System Operators	155	172	17	11.0	2	5	7	n/a	n/a
51-8012	Power Distributors & Dispatchers	*	*	*	*	*	*	*	n/a	9
51-8013	Power Plant Operators	*	*	*	*	*	*	*	n/a	9
51-8021	Stationary Engineers & Boiler Operators	*	*	*	*	*	*	*	n/a	9
51-8031	Water & Liquid Waste Treat. Plant & Sys. Ops.	91	108	17	18.7	2	3	5	15.72	9
51-8091	Chemical Plant & System Operators	*	*	*	*	*	*	*	n/a	9
51-8092	Gas Plant Operators	*	*	*	*	*	*	*	n/a	9
51-8093	Petroleum Pump System Ops., Refinery Ops.	*	*	*	*	*	*	*	n/a	9
51-8099	Plant & System Operators, All Other	*	*	*	*	*	*	*	n/a	9
51-9000	Other Production Occupations	4,871	5,262	391	8.0	41	117	158	n/a	n/a
51-9011	Chemical Equipment Operators & Tenders	*	*	*	*	*	*	*	n/a	10
51-9012	Separate, Filter, Clarify, & Still Machine Ops.	34	32	-2	-5.9	0	1	1	12.93	10
51-9021	Crush, Grind & Polish Machine Setters & Ops.	*	*	*	*	*	*	*	14.98	10
51-9022	Grinding & Polishing Workers, Hand	*	*	*	*	*	*	*	n/a	10
51-9023	Mixing & Blending Machine SOT^	157	166	9	5.7	1	4	5	14.03	10
51-9031	Cutters & Trimmers, Hand	*	*	*	*	*	*	*	n/a	11
51-9032	Cutting & Slicing Machine SOT^	161	171	10	6.2	1	3	4	13.14	10
51-9041	Extruding, Form, Press & Compact Mach. Ops.	230	247	17	7.4	2	6	8	14.32	10
51-9051	Furnace, Kiln, Oven, Drier & Kettle Ops. & Tend.	*	*	*	*	*	*	*	n/a	10
51-9061	Inspector, Tester, Sorter, Sampler & Weigher	1,038	1,090	52	5.0	5	24	29	12.76	10
51-9071	Jewelers & Precious Stone & Metal Workers	*	*	*	*	*	*	*	n/a	7
51-9081	Dental Laboratory Technicians	51	54	3	5.9	0	1	1	11.51	9
51-9082	Medical Appliance Technicians	*	*	*	*	*	*	*	n/a	9
51-9083	Ophthalmic Laboratory Technicians	*	*	*	*	*	*	*	n/a	10
51-9111	Packaging & Filling Machine Ops. & Tenders	747	826	79	10.6	8	15	23	13.05	11
51-9121	Coating, Painting & Spraying Machine SOT^	262	299	37	14.1	4	7	11	12.45	10
51-9122	Painters, Transportation Equipment	87	102	15	17.2	2	2	4	n/a	9
51-9123	Painting, Coating & Decorating Workers	42	46	4	9.5	0	1	1	11.72	11
51-9131	Photographic Process Workers	*	*	*	*	*	*	*	n/a	10
51-9132	Photographic Processing Machine Operators	*	*	*	*	*	*	*	7.71	11

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Production Occupations (cont'd)

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	2004-2014 Percent	Average Annual 2004-2014				
						Growth	Separations	Total		
51-9191	Cementing & Gluing Machine Ops. & Tenders	81	86	5	6.2	1	2	3	13.72	10
51-9192	Cleaning, Washing & Metal Pickling Equip. Ops.	*	*	*	*	*	*	*	n/a	10
51-9193	Cooling & Freezing Equipment Ops. & Tenders	*	*	*	*	*	*	*	n/a	10
51-9194	Etchers & Engravers	*	*	*	*	*	*	*	n/a	9
51-9195	Molders, Shapers & Casters, Ex. Metal & Plastic	101	97	-4	-4.0	0	2	2	n/a	10
51-9196	Paper Goods Machine SOT^	340	364	24	7.1	2	7	9	15.90	10
51-9197	Tire Builders	*	*	*	*	*	*	*	n/a	10
51-9198	Helpers--Production Workers	892	979	87	9.8	9	25	34	11.93	11
51-9199	Production Workers, All Other	405	445	40	9.9	4	10	14	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

^SOT - Setters, Operators & Tenders

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Transportation & Material Moving Occs.

Occupational		Employment*		Change		Job Openings			Average Wage 2005	Educ/ Training Req'd~
Code	Title	2004 Estimated	2014 Projected	2004-2014 Number	Percent	Average Annual Growth	2004-2014 Separations	2004-2014 Total		
53-0000 Transportation & Material Moving Occupations		11,389	13,266	1,877	16.5	201	248	449	11.56	n/a
53-1000	Supervisors, Transp. & Material Moving Work.	354	422	68	19.2	7	8	15	n/a	n/a
53-1011	Aircraft Cargo Handling Supervisors	*	*	*	*	*	*	*	n/a	8
53-1021	Mgrs. of Helpers, Laborers & Mat. Movers, Hand	195	236	41	21.0	4	5	9	16.91	8
53-1031	Mgrs. of Transp., Material-Moving & Vehicle Ops.	159	186	27	17.0	3	4	7	19.04	8
53-2000	Air Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-2011	Airline Pilots, Copilots & Flight Engineers	*	*	*	*	*	*	*	n/a	5
53-2012	Commercial Pilots	*	*	*	*	*	*	*	n/a	7
53-2021	Air Traffic Controllers	*	*	*	*	*	*	*	n/a	9
53-2022	Airfield Operations Spec.	*	*	*	*	*	*	*	n/a	9
53-3000	Motor Vehicle Operators	4,283	5,298	1,015	23.7	102	65	167	n/a	n/a
53-3011	Ambulance Drivers & Attendants, Ex. EMTs	*	*	*	*	*	*	*	n/a	10
53-3021	Bus Drivers, Transit & Intercity	52	71	19	36.5	2	1	3	n/a	10
53-3022	Bus Drivers, School	566	661	95	16.8	10	12	22	13.25	11
53-3031	Driver/Sales Workers	492	588	96	19.5	10	8	18	11.80	11
53-3032	Truck Drivers, Heavy & Tractor-Trailer	2,007	2,483	476	23.7	48	33	81	13.30	10
53-3033	Truck Drivers, Light or Delivery Services	1,048	1,336	288	27.5	29	10	39	13.04	11
53-3041	Taxi Drivers & Chauffeurs	100	136	36	36.0	4	1	5	n/a	11
53-3099	Motor Vehicle Operators, All Other	*	*	*	*	*	*	*	n/a	11
53-4000	Rail Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-4011	Locomotive Engineers	*	*	*	*	*	*	*	n/a	10
53-4012	Locomotive Firers	*	*	*	*	*	*	*	n/a	10
53-4013	Rail Yard Engineers, Dinkey Ops. & Hostlers	*	*	*	*	*	*	*	n/a	10
53-4021	Railroad Brake, Signal & Switch Operators	*	*	*	*	*	*	*	n/a	10
53-4031	Railroad Conductors & Yardmasters	*	*	*	*	*	*	*	n/a	10
53-4099	Rail Transportation Workers, All Other	*	*	*	*	*	*	*	n/a	10
53-5000	Water Transportation Workers	*	*	*	*	*	*	*	n/a	n/a
53-5011	Sailors & Marine Oilers	*	*	*	*	*	*	*	n/a	11
53-5021	Captains, Mates & Pilots of Water Vessels	*	*	*	*	*	*	*	n/a	8
53-5022	Motorboat Operators	*	*	*	*	*	*	*	n/a	10
53-5031	Ship Engineers	*	*	*	*	*	*	*	n/a	7

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Barren River Area

Occupational Employment Outlook

Transportation & Material Moving Occs. (cont'd)

Occupational		Employment*		Change		Job Openings			Average	Educ/
		2004	2014	2004-2014		Average Annual 2004-2014			Wage	Training
Code	Title	Estimated	Projected	Number	Percent	Growth	Separations	Total	2005	Req'd~
53-6000	Other Transportation Workers	76	82	6	7.9	1	3	4	n/a	n/a
53-6011	Bridge & Lock Tenders	*	*	*	*	*	*	*	n/a	11
53-6021	Parking Lot Attendants	*	*	*	*	*	*	*	n/a	11
53-6031	Service Station Attendants	68	72	4	5.9	0	3	3	7.31	11
53-6041	Traffic Technicians	*	*	*	*	*	*	*	n/a	11
53-6051	Transportation Inspectors	*	*	*	*	*	*	*	n/a	8
53-6099	Transportation Workers, All Other	*	*	*	*	*	*	*	n/a	11
53-7000	Material Moving Workers	6,626	7,420	794	12.0	92	170	262	n/a	n/a
53-7011	Conveyor Operators & Tenders	39	48	9	23.1	1	1	2	13.00	11
53-7021	Crane & Tower Operators	30	38	8	26.7	1	1	2	n/a	9
53-7031	Dredge Operators	*	*	*	*	*	*	*	n/a	10
53-7032	Excavating & Loading Machine & Dragline Ops.	39	46	7	17.9	1	1	2	13.27	10
53-7033	Loading Machine Ops., Underground Mining	*	*	*	*	*	*	*	n/a	10
53-7041	Hoist & Winch Operators	84	83	-1	-1.2	0	3	3	n/a	10
53-7051	Industrial Truck & Tractor Operators	1,604	1,954	350	21.8	35	30	65	12.94	11
53-7061	Cleaners of Vehicles & Equipment	169	190	21	12.4	2	6	8	7.06	11
53-7062	Laborer & Freight, Stock & Material Mover, Hand	2,310	2,591	281	12.2	28	76	104	9.34	11
53-7063	Machine Feeders & Offbearers	903	778	-125	-13.8	0	25	25	10.43	11
53-7064	Packers & Packagers, Hand	1,320	1,551	231	17.5	23	25	48	8.59	11
53-7071	Gas Compressor & Gas Pumping Station Ops.	*	*	*	*	*	*	*	n/a	10
53-7072	Pump Operators, Ex. Wellhead Pumps	*	*	*	*	*	*	*	n/a	10
53-7073	Wellhead Pumps	*	*	*	*	*	*	*	n/a	10
53-7081	Refuse & Recyclable Material Collectors	106	121	15	14.2	2	3	5	8.75	11
53-7111	Shuttle Car Operators	*	*	*	*	*	*	*	n/a	11
53-7121	Tank Car, Truck & Ship Loaders	*	*	*	*	*	*	*	n/a	10
53-7199	Material Moving Workers, All Other	*	*	*	*	*	*	*	n/a	10

* Employment under 30 and unreliable data suppressed

n/a - Not Available

~ Education/Training Required Codes- Page 76

Source: Kentucky Education Cabinet, Department for Workforce Investment, Office of Employment and Training, Research and Statistics Branch

Educational/Training Classifications

Occupations are classified into 11 categories and listed according to these principles:

An occupation is placed into the category that best describes the education or training needed by most workers to become fully qualified.

Postsecondary awards, if generally needed for entry into the occupation, take precedence over work-related training even though additional skills or experience may be needed for a worker to become fully qualified.

The length of time an average worker generally needs to become fully qualified through a combination of on-the-job training and experience is used to categorize occupations in which a postsecondary award generally is needed for entry.

Postsecondary awards

(1) *First professional degree.* Completion of the degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

(2) *Doctoral degree.* Completion of a Ph.D. or other doctoral degree usually requires at least three years of full-time academic study beyond a bachelor's degree.

(3) *Master's degree.* Completion of the degree usually requires one or two years of full time academic study beyond a bachelor's degree.

(4) *Bachelor's or higher degree, plus work experience.* Most occupations in this category are management occupations. All require experience in a related non-management position for which a bachelor's or higher degree is usually required.

(5) *Bachelor's degree.* Completion of the degree generally requires at least four years, but not more than five years, of full-time academic study.

(6) *Associate's degree.* Completion of the degree usually requires at least two years of full-time academic study.

(7) *Postsecondary vocational awards.* Some programs last only a few weeks while others may last more than a year. Programs lead to a certificate or other award, but not a degree.

Work-related training

(8) *Work experience in a related occupation.* Many occupations requiring work experience are managers of service, sales and related, production, or other occupations, or are management occupations.

(9) *Long-term, on-the-job training.* More than 12 months of on-the-job training or combined work experience and formal classroom instruction are needed for workers to develop the skills necessary to be fully qualified. This category includes formal and informal apprenticeships that may last up to five years. Long-term on-the-job training also includes intensive occupation-specific, employer-sponsored programs that workers must successfully complete. These include fire and police academies and schools for air traffic controllers and flight attendants. In other occupations - insurance sales and securities sales, for example - trainees take formal courses, often provided on the job site, to prepare for the required licensing exams. Individuals undergoing training generally are considered to be employed in the occupation. Also included in this category is the development of a natural ability - such as that possessed by musicians, athletes, actors, and other entertainers - that must be cultivated over several years, frequently in a nonwork setting.

(10) *Moderate-term, on-the-job training.* Skills needed to be fully qualified can be acquired during one to twelve months of combined on-the-job experience and informal training.

(11) *Short-term, on-the-job training.* Skills needed to be fully qualified can be acquired during a short demonstration of job duties or during one month or less of on-the-job experience or instruction.

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Actors	24
Actuaries	14
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Administrative Services Managers	11
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Advertising & Promotions Managers	11
Advertising Sales Agents	34
Advertising, Marketing, Promotions, Public Relations, & Sales Managers	11
Aerospace Engineering & Operations Technicians	16
Aerospace Engineers	15
Agents & Business Managers of Artists, Performers, & Athletes	13
Agricultural & Food Science Technicians	18
Agricultural Engineers	15
Agricultural Equipment Operators	37
Agricultural Inspectors	37
Agricultural Sciences Teachers, Postsecondary	21
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Air Traffic Controllers	47
Air Transportation Workers	47
Aircraft Cargo Handling Supervisors	47
Aircraft Mechanics & Service Technicians	40
Aircraft Structure, Surfaces, Rigging, & Systems Assemblers	42
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Airline Pilots, Copilots, & Flight Engineers	47
Ambulance Drivers & Attendants, Except Emergency Medical Technicians	47
Amusement & Recreation Attendants	32
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Animal Care & Service Workers	32
Animal Control Workers	29
Animal Scientists	17
Animal Trainers	32
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Anthropology & Archeology Teachers, Postsecondary	21
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Arbitrators, Mediators, & Conciliators	20
Architects, Except Landscape & Naval	15
Architects, Surveyors, & Cartographers	15
Architectural & Civil Drafters	16
Architecture & Engineering Occupations	15
Architecture Teachers, Postsecondary	21
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Automotive Glass Installers & Repairers	40
Automotive Service Technicians & Mechanics	40
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Biological Scientists, All Other	17
Biological Technicians	18
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Brickmasons & Blockmasons	38
Bridge & Lock Tenders	48
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Broadcast Technicians	25
Brokerage Clerks	35
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Building & Grounds Cleaning & Maintenance Occupations	31
Building Cleaning & Pest Control Workers	31
Building Cleaning Workers, All Other	31
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Captains, Mates, & Pilots of Water Vessels	47
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Cargo & Freight Agents	36
Carpenters	38
Carpet Installers	38
Cartographers & Photogrammetrists	15
Cashiers	34
Cement Masons & Concrete Finishers	38
Cementing & Gluing Machine Operators & Tenders	46
Chefs & Head Cooks	30
Chemical Engineers	15
Chemical Equipment Operators & Tenders	45
Chemical Plant & System Operators	45
Chemical Technicians	18
Chemistry Teachers, Postsecondary	21
Chemists	17
Chief Executives	11
Child Care Workers	33
Child, Family, & School Social Workers	19
Chiropractors	26
Choreographers	24
Civil Engineering Technicians	16
Civil Engineers	15
Claims Adjusters, Examiners, & Investigators	13
Cleaners of Vehicles & Equipment	48
Cleaning, Washing, & Metal Pickling Equipment Operators & Tenders	46
Clergy	19
Clinical, Counseling, & School Psychologists	18
Coaches & Scouts	24
Coating, Painting, & Spraying Machine Setters, Operators, & Tenders	45
Coil Winders, Tapers, & Finishers	42
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Combined Food Preparation & Serving Workers, Including Fast Food	30
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Commercial Divers	41
Commercial Pilots	47
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Computer Systems Analysts	40
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Computer-Controlled Machine Tool Operators, Metal & Plastic	32
Concierges	17
Conservation Scientists	39
Construction & Building Inspectors	38
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Continuous Mining Machine Operators	41
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Cooks, Private Household	30
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D	
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Demonstrators & Product Promoters	34
Dental Assistants	28
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Dental Laboratory Technicians	45
Dentists, General	26
Derrick Operators, Oil & Gas	39
Designers, All Other	24
Desktop Publishers	36
Detectives & Criminal Investigators	29
Diagnostic Medical Sonographers	27
Dietetic Technicians	27
Dietitians & Nutritionists	26
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Electrical & Electronics Repairers, Commercial & Industrial Equipment	40
Electrical & Electronics Repairers, Powerhouse, Substation	40
Electrical Engineers	15
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Electronics Engineers, Except Computer	15
Elementary School Teachers, Except Special Education	22
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Farm, Ranch, & Other Agricultural Managers	12
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Fence Erectors	39
Fiberglass Laminators & Fabricators	42
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Film & Video Editors	25
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Financial Clerks	35
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First-Line Supervisors/Managers of Farming, Fishing, & Forestry Workers	37
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First-Line Supervisors/Managers of Housekeeping & Janitorial Workers	31
First-Line Supervisors/Managers of Landscaping, Lawn Service, & Groundskeeping Workers	31
First-Line Supervisors/Managers of Mechanics, Installers, & Repairers	40
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First-Line Supervisors/Managers of Office & Administrative Support Workers	35
First-Line Supervisors/Managers of Personal Service Workers	32
First-Line Supervisors/Managers of Police & Detectives	29
First-Line Supervisors/Managers of Production & Operating	42
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